



# STIC Search Report

## Biotech-Chem Library

STIC Database Tracking Number: 176378

**TO: Ruixiang Li**  
**Art Unit: 1646**  
**Location: REM-4D75/4C70**  
**Serial Number: 10/060765**

**Tuesday, January 17, 2006**

**From: Beverly Shears**  
**Location: Biotech-Chem Library**  
**REM 1A54**  
**Phone: 571-272-2528**  
**beverly.shears@uspto.gov**

### Search Notes

#### Protein Sequence Searches – February 2005

All of the sequence databases on ABSS have recently been updated.

- Please note that the curators of the UniProt database have purged some temporary accession numbers from the most recent version of UniProt. These sequences have been assigned new permanent accession numbers. The new UniProt record may not contain the previous temporary accession number.
- If you encounter an accession number from an older search run against UniProt (results file extension **.rup**) that can no longer be found in the database, the permanent record with the new accession number can be found by searching the old accession number in the UniProt Protein Archive database (uniPARC) at:

<http://www.pir.uniprot.org/database/archive.shtml>

If you have any questions regarding this information or your results, please contact any STIC searcher.

#### Published Applications Database - November 2005

Published\_Applications Nucleic Acid and Published\_Applications Amino Acid database searches now generate two sets of results each. The Published\_Applications databases have been split into two parts to reduce the amount of time required for their daily updates. This results in more machine time being available for processing searches.

Newly published applications will appear in the Published\_Applications\_New databases; older published applications make up the Published\_Applications\_Main databases.

Searches run against Nucleic Acid Published\_Applications produce two sets of results, with the extensions **.rnpbm** (Published\_Applications\_NA\_Main) and **.rnpbn** (Published\_Applications\_NA\_New).  
Searches run against Amino Acid Published\_Applications produce two sets of results, with the extensions **.rapbm** (Published\_Applications\_AA\_Main) and **.rapbn** (Published\_Applications\_AA\_New).

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176378

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CB  
CRFE

From: Li, Ruixiang  
Sent: Wednesday, January 11, 2006 2:07 PM  
To: STIC-Biotech/ChemLib  
Subject: Sequence search of Application No.10/060,765

Please do a standard search on:

- (i). SEQ ID NOS: 7 and 8 against interference amino acid databases;
- (ii). An oligomer of SEQ ID NO: 4 against interference amino acid databases.

Thank you very much!

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7 aa 16  
8 / 15  
4 aa 209

1779

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Searcher: \_\_\_\_\_  
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Date Searcher Picked up: \_\_\_\_\_  
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Type of Search  
NA# \_\_\_\_\_ AA# \_\_\_\_\_  
S/L: \_\_\_\_\_ Oligomer: \_\_\_\_\_  
Encode/Transl: \_\_\_\_\_  
Structure #: \_\_\_\_\_ Text: \_\_\_\_\_  
Inventor: \_\_\_\_\_ Litigation: \_\_\_\_\_

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Vendors and cost where applicable  
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WWW/Internet: \_\_\_\_\_  
Other (Specify): \_\_\_\_\_

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Date completed: _____	Type of Search	APS
Searcher Prep Time: _____	N.A. Sequence	Geninfo
Online Time: _____	A.A. Sequence	SDC
Number of Searches: _____	Structure	DART/Questel
Number of Databases: _____	Bibliographic	Other <u>CGN</u>



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102	188	90.0	208	4	US-10-219-525-78	Sequence 78, Appl	175	7	3.3	70	4	US-10-425-114-43515	Sequence 43515, A
103	188	90.0	208	4	US-10-219-526-78	Sequence 78, Appl	176	7	3.3	70	4	US-10-425-115-327100	Sequence 327100, A
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106	188	90.0	208	4	US-10-219-532-78	Sequence 78, Appl	179	7	3.3	84	4	US-10-437-963-163175	Sequence 163175, A
107	188	90.0	208	4	US-10-219-533-78	Sequence 78, Appl	180	7	3.3	87	4	US-10-425-115-229488	Sequence 229488, A
108	188	90.0	208	4	US-10-230-437-78	Sequence 78, Appl	181	7	3.3	92	3	US-09-864-761-43482	Sequence 43482, A
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114	188	90.0	208	4	US-10-219-535-78	Sequence 78, Appl	187	7	3.3	111	4	US-10-425-115-195583	Sequence 195583, A
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125	145	69.4	209	5	US-10-659-004-72	Sequence 72, Appl	198	7	3.3	144	4	US-10-425-115-265463	Sequence 265463, A
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143	15	7.2	15	4	US-10-818-140-8	Sequence 8, Appl	216	7	3.3	221	5	US-10-450-763-37353	Sequence 37353, A
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165	7	3.3	15	4	US-10-371-069-415	Sequence 415, App	238	7	3.3	296	4	US-10-437-963-123597	Sequence 123597, A
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254	7	3.3	319	5	US-10-774-355A-1884	Sequence 1884, App	327	7	3.3	377	4	US-10-145-092A-206	Sequence 206, App
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256	7	3.3	351	4	US-10-369-493-3387	Sequence 3387, App	329	7	3.3	377	4	US-10-165-038A-206	Sequence 206, App
257	7	3.3	354	5	US-10-480-988-14	Sequence 14, Appl	330	7	3.3	377	4	US-10-165-353A-206	Sequence 206, App
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281	7	3.3	377	3	US-09-978-187B-206	Sequence 206, App	354	7	3.3	377	5	US-10-805-667-206	Sequence 206, App
282	7	3.3	377	3	US-09-978-643A-206	Sequence 206, App	355	7	3.3	377	5	US-10-897-359-206	Sequence 206, App
283	7	3.3	377	3	US-09-978-375A-206	Sequence 206, App	356	7	3.3	377	5	US-10-893-802-206	Sequence 206, App
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285	7	3.3	377	3	US-09-978-188A-206	Sequence 206, App	358	7	3.3	377	5	US-10-165-036A-206	Sequence 206, App
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293	7	3.3	377	3	US-09-999-831A-206	Sequence 206, App	366	7	3.3	407	4	US-10-437-963-183553	Sequence 183553, A
294	7	3.3	377	3	US-09-978-824-206	Sequence 206, App	367	7	3.3	428	4	US-10-424-599-241840	Sequence 241840, A
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296	7	3.3	377	4	US-10-167-749-206	Sequence 206, App	369	7	3.3	446	4	US-10-217-096-4	Sequence 4, Appl
297	7	3.3	377	4	US-10-013-921A-206	Sequence 206, App	370	7	3.3	456	3	US-09-894-018-121	Sequence 121, App
298	7	3.3	377	4	US-10-013-929A-206	Sequence 206, App	371	7	3.3	456	5	US-10-474-960A-121	Sequence 121, App
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302	7	3.3	377	4	US-10-143-030A-206	Sequence 206, App	375	7	3.3	476	4	US-10-156-761-12978	Sequence 12978, A
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307	7	3.3	377	4	US-10-143-028A-206	Sequence 206, App	380	7	3.3	492	4	US-10-282-122A-51776	Sequence 51776, A
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315	7	3.3	377	4	US-10-145-124A-206	Sequence 206, App	388	7	3.3	560	4	US-10-366-345-53	Sequence 53, Appl
316	7	3.3	377	4	US-10-160-502A-206	Sequence 206, App	389	7	3.3	561	3	US-09-813-398-23	Sequence 23, Appl
317	7	3.3	377	4	US-10-145-087A-206	Sequence 206, App	390	7	3.3	561	5	US-10-826-324-23	Sequence 23, Appl
318	7	3.3	377	4	US-10-017-086A-206	Sequence 206, App	391	7	3.3	571	3	US-09-864-761-36487	Sequence 36487, A
319	7	3.3	377	4	US-10-164-829A-206	Sequence 206, App	392	7	3.3	574	4	US-10-425-114-50515	Sequence 50515, A

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408	7	3.3	611	4	US-10-281-346-4	Sequence 4, Appli	481	7	3.3	1041	4	US-10-167-749-498	Sequence 498, App
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412	7	3.3	619	5	US-10-450-763-52478	Sequence 52478, A	485	7	3.3	1041	4	US-10-235-767-3	Sequence 3, Appli
413	7	3.3	625	3	US-09-771-161A-242	Sequence 242, App	486	7	3.3	1041	4	US-10-166-709A-498	Sequence 498, App
414	7	3.3	625	3	US-09-771-161A-243	Sequence 243, App	487	7	3.3	1041	4	US-10-143-031A-498	Sequence 498, App
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418	7	3.3	679	4	US-10-369-493-5703	Sequence 5703, Ap	491	7	3.3	1041	4	US-10-017-083A-498	Sequence 498, App
419	7	3.3	694	4	US-10-156-761-13632	Sequence 13632, A	492	7	3.3	1041	4	US-10-145-128A-498	Sequence 498, App
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421	7	3.3	703	4	US-10-283-122A-51965	Sequence 51965, A	494	7	3.3	1041	4	US-10-143-028A-498	Sequence 498, App
422	7	3.3	729	4	US-10-369-493-4678	Sequence 4678, Ap	495	7	3.3	1041	4	US-10-143-029A-498	Sequence 498, App
423	7	3.3	734	3	US-09-738-626-4227	Sequence 4227, Ap	496	7	3.3	1041	4	US-10-145-089A-498	Sequence 498, App
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426	7	3.3	772	3	US-09-935-799A-5	Sequence 5, Appli	499	7	3.3	1041	4	US-10-164-728A-498	Sequence 498, App
427	7	3.3	775	3	US-09-883-227-112	Sequence 112, App	500	7	3.3	1041	4	US-10-013-926A-498	Sequence 498, App
428	7	3.3	775	4	US-10-283-122A-58796	Sequence 58796, A	501	7	3.3	1041	4	US-10-165-247A-498	Sequence 498, App
429	7	3.3	779	4	US-10-353-929-49	Sequence 49, Appl	502	7	3.3	1041	4	US-10-145-124A-498	Sequence 498, App
430	7	3.3	816	3	US-09-815-242-11849	Sequence 11849, A	503	7	3.3	1041	4	US-10-160-502A-498	Sequence 498, App
431	7	3.3	816	4	US-10-282-122A-66323	Sequence 66323, A	504	7	3.3	1041	4	US-10-145-087A-498	Sequence 498, App
432	7	3.3	821	6	US-11-097-143-38319	Sequence 38319, A	505	7	3.3	1041	4	US-10-017-086A-498	Sequence 498, App
433	7	3.3	836	4	US-10-108-260A-3700	Sequence 3700, Ap	506	7	3.3	1041	4	US-10-164-829A-498	Sequence 498, App
434	7	3.3	863	4	US-10-443-108-6	Sequence 6, Appli	507	7	3.3	1041	4	US-10-164-929A-498	Sequence 498, App
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438	7	3.3	935	5	US-10-732-923-19249	Sequence 19249, A	511	7	3.3	1041	4	US-10-017-084A-498	Sequence 498, App
439	7	3.3	1003	5	US-10-732-923-22128	Sequence 22128, A	512	7	3.3	1041	4	US-10-145-016A-498	Sequence 498, App
440	7	3.3	1032	3	US-09-950-041-37	Sequence 37, Appl	513	7	3.3	1041	4	US-10-145-088A-498	Sequence 498, App
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442	7	3.3	1040	3	US-09-864-761-38325	Sequence 38325, A	515	7	3.3	1041	4	US-10-145-129A-498	Sequence 498, App
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446	7	3.3	1041	3	US-09-978-192A-498	Sequence 498, App	519	7	3.3	1041	4	US-10-013-918A-498	Sequence 498, App
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465	7	3.3	1041	3	US-09-954-987B-186	Sequence 186, App	538	7	3.3	1041	4	US-10-732-563-16	Sequence 16, Appl

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548	7	3.3	1041	6	US-11-084-777-186	Sequence 186, App	621	6	2.9	31	4	US-10-772-656-30	Sequence 30, Appl
549	7	3.3	1041	6	US-11-129-762-498	Sequence 498, App	622	6	2.9	31	5	US-10-742-469-105	Sequence 105, App
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558	7	3.3	1059	5	US-10-753-267-30	Sequence 30, Appl	631	6	2.9	39	4	US-10-425-115-333127	Sequence 333127, A
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574	7	3.3	4106	5	US-10-732-923-14011	Sequence 14011, A	647	6	2.9	47	5	US-10-966-576-37	Sequence 37, Appl
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608	6	2.9	14	5	US-10-865-478-826	Sequence 826, App	681	6	2.9	57	4	US-10-425-115-206499	Sequence 206499, A
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688	6	2.9	58	4	US-10-767-701-52767	Sequence 52767, A	761	5	US-10-424-599-203494	Sequence 203494,
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743	6	2.9	71	4	US-10-369-294-24	Sequence 24, Appl	816	6	US-10-877-124-295	Sequence 295, App
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847	6	2.9	90	4	US-10-424-599-237557	Sequence 237557,	920	6	2.9	101	5	US-10-871-602-511	Sequence 511, App
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870	6	2.9	96	4	US-10-317-832-135	Sequence 135, App	943	6	2.9	105	4	US-10-425-115-315716	Sequence 315716,
871	6	2.9	96	4	US-10-437-963-178818	Sequence 178818,	944	6	2.9	105	4	US-10-425-115-332815	Sequence 332815,
872	6	2.9	96	4	US-10-693-057-509	Sequence 509, App	945	6	2.9	106	3	US-09-866-050A-136	Sequence 136, App
873	6	2.9	96	5	US-10-733-878-135	Sequence 135, App	946	6	2.9	106	4	US-10-424-599-168949	Sequence 168949,
874	6	2.9	96	5	US-10-693-056-509	Sequence 509, App	947	6	2.9	106	4	US-10-424-599-253764	Sequence 253764,
875	6	2.9	96	5	US-10-840-723-509	Sequence 509, App	948	6	2.9	106	4	US-10-437-963-168188	Sequence 168188,
876	6	2.9	96	5	US-10-871-602-509	Sequence 509, App	949	6	2.9	106	4	US-10-425-115-215902	Sequence 215902,
877	6	2.9	96	5	US-10-971-679-509	Sequence 509, App	950	6	2.9	106	4	US-10-425-115-219244	Sequence 219244,
878	6	2.9	96	5	US-10-601-072-135	Sequence 135, App	951	6	2.9	106	4	US-10-425-115-258849	Sequence 258849,
879	6	2.9	97	3	US-09-846-091-10	Sequence 10, Appl	952	6	2.9	107	3	US-09-892-877-395	Sequence 395, App
880	6	2.9	97	3	US-09-848-616-171	Sequence 171, App	953	6	2.9	107	3	US-09-948-783-395	Sequence 395, App
881	6	2.9	97	4	US-10-050-902-213	Sequence 213, App	954	6	2.9	107	4	US-10-424-599-244418	Sequence 244418,
882	6	2.9	97	4	US-10-050-898-213	Sequence 213, App	955	6	2.9	108	3	US-09-864-761-35513	Sequence 35513, A
883	6	2.9	97	4	US-10-425-114-61983	Sequence 61983, A	956	6	2.9	108	4	US-10-108-260A-2516	Sequence 2516, Ap
884	6	2.9	97	4	US-10-296-115-935	Sequence 935, App	957	6	2.9	108	4	US-10-437-963-150717	Sequence 150717,
885	6	2.9	97	4	US-10-767-701-47131	Sequence 47131, A	958	6	2.9	108	4	US-10-425-115-217292	Sequence 217292,
886	6	2.9	97	4	US-10-693-057-507	Sequence 507, App	959	6	2.9	109	3	US-09-864-408A-336	Sequence 336, App
887	6	2.9	97	4	US-10-425-115-276753	Sequence 276753,	960	6	2.9	109	4	US-10-108-260A-3027	Sequence 3027, Ap
888	6	2.9	97	5	US-10-856-499-2274	Sequence 2274, Ap	961	6	2.9	109	4	US-10-424-599-165553	Sequence 165553,
889	6	2.9	97	5	US-10-693-056-507	Sequence 507, App	962	6	2.9	109	4	US-10-424-599-244417	Sequence 244417,
890	6	2.9	97	5	US-10-840-723-507	Sequence 507, App	963	6	2.9	109	4	US-10-437-963-150183	Sequence 150183,
891	6	2.9	97	5	US-10-871-602-507	Sequence 507, App	964	6	2.9	109	4	US-10-425-115-231815	Sequence 231815,
892	6	2.9	97	5	US-10-971-679-507	Sequence 507, App	965	6	2.9	109	4	US-10-425-115-258236	Sequence 258236,
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896	6	2.9	98	4	US-10-425-115-300751	Sequence 300751,	969	6	2.9	110	4	US-10-389-566-625	Sequence 625, App
897	6	2.9	99	4	US-10-317-832-17	Sequence 17, Appl	970	6	2.9	110	4	US-10-424-599-186019	Sequence 186019,
898	6	2.9	99	4	US-10-240-145-66	Sequence 66, Appl	971	6	2.9	110	4	US-10-424-599-191681	Sequence 191681,
899	6	2.9	99	4	US-10-424-599-254838	Sequence 254838,	972	6	2.9	110	4	US-10-425-115-264959	Sequence 264959,
900	6	2.9	99	4	US-10-424-599-273213	Sequence 273213,	973	6	2.9	111	4	US-10-437-963-147474	Sequence 147474,
901	6	2.9	99	4	US-10-437-963-120423	Sequence 120423,	974	6	2.9	111	5	US-10-732-923-14593	Sequence 14593, A
902	6	2.9	99	4	US-10-437-963-188481	Sequence 188481,	975	6	2.9	111	5	US-10-450-763-55905	Sequence 55905, A
903	6	2.9	99	4	US-10-425-115-249148	Sequence 249148,	976	6	2.9	112	4	US-10-131-487A-86	Sequence 86, Appl

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977 6 2.9 112 4 US-10-424-599-187677 Sequence 187677,
978 6 2.9 112 4 US-10-437-963-166216 Sequence 166216,
979 6 2.9 112 4 US-10-425-115-194172 Sequence 194172,
980 6 2.9 112 4 US-10-425-115-263604 Sequence 263604,
981 6 2.9 112 4 US-10-425-115-301751 Sequence 301751,
982 6 2.9 113 3 US-09-864-408A-7258 Sequence 7258, Ap
983 6 2.9 113 3 US-09-833-245-1902 Sequence 1902, Ap
984 6 2.9 113 4 US-10-251-085B-144 Sequence 144, App
985 6 2.9 113 4 US-10-437-963-170693 Sequence 170693,
986 6 2.9 113 4 US-10-767-701-59079 Sequence 59079, A
987 6 2.9 113 4 US-10-737-252-144 Sequence 144, App
988 6 2.9 114 4 US-10-424-599-272339 Sequence 272339,
989 6 2.9 114 4 US-10-437-963-115772 Sequence 115772,
990 6 2.9 115 4 US-10-437-963-141945 Sequence 141945,
991 6 2.9 115 4 US-10-767-701-53753 Sequence 53753, A
992 6 2.9 115 4 US-10-425-115-351293 Sequence 351293,
993 6 2.9 116 3 US-09-967-552A-42 Sequence 42, Appl
994 6 2.9 116 4 US-10-029-386-29826 Sequence 29826, A
995 6 2.9 116 4 US-10-437-963-127158 Sequence 127158,
996 6 2.9 116 4 US-10-437-963-129432 Sequence 129432,
997 6 2.9 116 4 US-10-767-701-60417 Sequence 60417, A
998 6 2.9 116 5 US-10-965-357-42 Sequence 42, Appl
999 6 2.9 116 5 US-10-967-851-42 Sequence 42, Appl
1000 6 2.9 117 4 US-10-424-599-216824 Sequence 216824,
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## ALIGNMENTS

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RESULT 1
US-09-822-485-24
; Sequence 24, Application US/09822485
; Patent No. US20020001825A1
; GENERAL INFORMATION:
; APPLICANT: Itoh, No. US20020001825A1 Fibroblast Growth Factor-Like Polypeptides
; TITLE OF INVENTION: 08035.0001-01000
; FILE REFERENCE: 08035.0001-01000
; CURRENT APPLICATION NUMBER: US/09/822,485
; CURRENT FILING DATE: 2001-04-02
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 24
; LENGTH: 209
; TYPE: PRT
; ORGANISM: Homo sapiens
; PUBLICATION INFORMATION:
; JOURNAL: Biochim. Biophys. Acta
; DATE: 2000
US-09-822-485-24
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Query Match 100.0%; Score 209; DB 3; Length 209;
Best Local Similarity 100.0%; Pred. No. 4.3e-185;
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Qy 61 LEIREDTGVGGAADQSPESLLQKALPGVQIILGVKTSRFLCORPDGALYGSLLHFDEA 120
Db 61 LEIREDTGVGGAADQSPESLLQKALPGVQIILGVKTSRFLCORPDGALYGSLLHFDEA 120

Qy 121 CSFRELLEDGYNVYQSEAHGLPLHLPNGKSPHRDPAPRGPARFLPLPGLPPALPEPPI 180
Db 121 CSFRELLEDGYNVYQSEAHGLPLHLPNGKSPHRDPAPRGPARFLPLPGLPPALPEPPI 180

Qy 181 LAPQPPDVGSSDPLSMVGPQGRSPSYAS 209
Db 181 LAPQPPDVGSSDPLSMVGPQGRSPSYAS 209
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## RESULT 2

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US-09-801-968-15
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; Sequence 15, Application US/09801968
; Patent No. US20020082205A1
; GENERAL INFORMATION:
; APPLICANT: Itoh, No. US20020082205A1 Aluyuki
; APPLICANT: Kavanaugh, W. Michael
; TITLE OF INVENTION: HUMAN FGF-23 GENE AND GENE EXPRESSION
; TITLE OF INVENTION: PRODUCTS
; FILE REFERENCE: PP-17150.001/201130.40901
; CURRENT APPLICATION NUMBER: US/09/801,968
; CURRENT FILING DATE: 2001-03-07
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 209
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-801-968-15
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Best Local Similarity 100.0%; Pred. No. 4.3e-185;
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Qy 61 LEIREDTGVGGAADQSPESLLQKALPGVQIILGVKTSRFLCORPDGALYGSLLHFDEA 120
Db 61 LEIREDTGVGGAADQSPESLLQKALPGVQIILGVKTSRFLCORPDGALYGSLLHFDEA 120

Qy 121 CSFRELLEDGYNVYQSEAHGLPLHLPNGKSPHRDPAPRGPARFLPLPGLPPALPEPPI 180
Db 121 CSFRELLEDGYNVYQSEAHGLPLHLPNGKSPHRDPAPRGPARFLPLPGLPPALPEPPI 180

Qy 181 LAPQPPDVGSSDPLSMVGPQGRSPSYAS 209
Db 181 LAPQPPDVGSSDPLSMVGPQGRSPSYAS 209
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## RESULT 3

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US-09-802-154-15
; Sequence 15, Application US/09802154
; Publication No. US20030105302A1
; GENERAL INFORMATION:
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; APPLICANT: Itoh, No. US20030105302A1 Aluyuki
; APPLICANT: Kavanaugh, W. Michael
; TITLE OF INVENTION: HUMAN FGF-23 GENE AND GENE EXPRESSION
; TITLE OF INVENTION: PRODUCTS
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; FILE REFERENCE: PP-17149.001/201130.409
; CURRENT APPLICATION NUMBER: US/09/802,154
; CURRENT FILING DATE: 2001-03-07
; NUMBER OF SEQ ID NOS: 46
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; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
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; LENGTH: 209
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; TYPE: PRT
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; ORGANISM: Homo sapiens
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US-09-802-154-15
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Best Local Similarity 100.0%; Pred. No. 4.3e-185;
Matches 209; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 61 LEIREDTGVGGAADQSPESLLQKALPGVQIILGVKTSRFLCORPDGALYGSLLHFDEA 120
Db 61 LEIREDTGVGGAADQSPESLLQKALPGVQIILGVKTSRFLCORPDGALYGSLLHFDEA 120

Qy 121 CSFRELLEDGYNVYQSEAHGLPLHLPNGKSPHRDPAPRGPARFLPLPGLPPALPEPPI 180
Db 121 CSFRELLEDGYNVYQSEAHGLPLHLPNGKSPHRDPAPRGPARFLPLPGLPPALPEPPI 180
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Db 121 CSFRELLEDGYNVYQSEAHGLPLHLPGNKS PHRDPA PRGPARFLPLGLPPALPEPPGI 180  
Qy 181 LAPQPPDVGVSSDPLSMVGPQGRSPSYAS 209  
Db 181 LAPQPPDVGVSSDPLSMVGPQGRSPSYAS 209

RESULT 4  
US-10-060-765-4  
; Sequence 4, Application US/10060765  
; Publication No. US20020164713A1  
; GENERAL INFORMATION:  
; APPLICANT: Itoh, Nobuyuki  
; APPLICANT: Kavanagh, W. Michael  
; TITLE OF INVENTION: HUMAN FGF-21 GENE AND GENE EXPRESSION  
; TITLE OF INVENTION: PRODUCTS  
; FILE REFERENCE: PP-16758.001/201130.408  
; CURRENT APPLICATION NUMBER: US/10/060,765  
; PRIOR FILING DATE: 2002-01-29  
; PRIOR APPLICATION NUMBER: US/09/715,805  
; PRIOR FILING DATE: 2000-11-16  
; NUMBER OF SEQ ID NOS: 17  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 4  
; LENGTH: 209  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-060-765-4

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Db 1 MDSDETFEHSGLWVSVLAGLLGACQAHPIPDSSPLLOFGGQVRQRYLYTDDAQOTEAH 60  
Qy 61 LEIREDDGTGGAADQSPESLLQKALKEGVIQILGVKTSRFLCQRPDGDGALYSLHFDPEA 120  
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Qy 121 CSFRELLEDGYNVYQSEAHGLPLHLPGNKS PHRDPA PRGPARFLPLGLPPALPEPPGI 180  
Db 121 CSFRELLEDGYNVYQSEAHGLPLHLPGNKS PHRDPA PRGPARFLPLGLPPALPEPPGI 180  
Qy 181 LAPQPPDVGVSSDPLSMVGPQGRSPSYAS 209  
Db 181 LAPQPPDVGVSSDPLSMVGPQGRSPSYAS 209

RESULT 5  
US-10-374-207-24  
; Sequence 24, Application US/10374207  
; Publication No. US20030170822A1  
; GENERAL INFORMATION:  
; APPLICANT: Itoh, Nobuyuki  
; TITLE OF INVENTION: Fibroblast Growth Factor-Like Molecules and Uses Thereof  
; FILE REFERENCE: 08035.0001-02000  
; CURRENT APPLICATION NUMBER: US/10/374,207  
; CURRENT FILING DATE: 2003-02-25  
; PRIOR APPLICATION NUMBER: US 09/822,485  
; PRIOR FILING DATE: 2001-04-02  
; PRIOR APPLICATION NUMBER: US 09/540,118  
; PRIOR FILING DATE: 2000-03-31  
; NUMBER OF SEQ ID NOS: 41  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 24  
; LENGTH: 209  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; PUBLICATION INFORMATION:  
; JOURNAL: Biochim. Biophys. Acta  
; DATE: 2000

US-10-374-207-24

Query Match 100.0%; Score 209; DB 4; Length 209;  
Best Local Similarity 100.0%; Pred. No. 4.3e-185;  
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Qy 61 LEIREDDGTGGAADQSPESLLQKALKEGVIQILGVKTSRFLCQRPDGDGALYSLHFDPEA 120  
Db 61 LEIREDDGTGGAADQSPESLLQKALKEGVIQILGVKTSRFLCQRPDGDGALYSLHFDPEA 120  
Qy 121 CSFRELLEDGYNVYQSEAHGLPLHLPGNKS PHRDPA PRGPARFLPLGLPPALPEPPGI 180  
Db 121 CSFRELLEDGYNVYQSEAHGLPLHLPGNKS PHRDPA PRGPARFLPLGLPPALPEPPGI 180  
Qy 181 LAPQPPDVGVSSDPLSMVGPQGRSPSYAS 209  
Db 181 LAPQPPDVGVSSDPLSMVGPQGRSPSYAS 209

RESULT 6  
US-10-818-140-4  
; Sequence 4, Application US/10818140  
; Publication No. US20040185494A1  
; GENERAL INFORMATION:  
; APPLICANT: Itoh, Nobuyuki  
; APPLICANT: Kavanagh, W. Michael  
; TITLE OF INVENTION: HUMAN FGF-21 GENE AND GENE EXPRESSION  
; TITLE OF INVENTION: PRODUCTS  
; FILE REFERENCE: PP-16758.001/201130.408  
; CURRENT APPLICATION NUMBER: US/10/818,140  
; CURRENT FILING DATE: 2004-04-05  
; PRIOR APPLICATION NUMBER: US/09/715,805  
; PRIOR FILING DATE: 2000-11-16  
; NUMBER OF SEQ ID NOS: 17  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 4  
; LENGTH: 209  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-818-140-4

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Db 1 MDSDETFEHSGLWVSVLAGLLGACQAHPIPDSSPLLOFGGQVRQRYLYTDDAQOTEAH 60  
Qy 61 LEIREDDGTGGAADQSPESLLQKALKEGVIQILGVKTSRFLCQRPDGDGALYSLHFDPEA 120  
Db 61 LEIREDDGTGGAADQSPESLLQKALKEGVIQILGVKTSRFLCQRPDGDGALYSLHFDPEA 120  
Qy 121 CSFRELLEDGYNVYQSEAHGLPLHLPGNKS PHRDPA PRGPARFLPLGLPPALPEPPGI 180  
Db 121 CSFRELLEDGYNVYQSEAHGLPLHLPGNKS PHRDPA PRGPARFLPLGLPPALPEPPGI 180  
Qy 181 LAPQPPDVGVSSDPLSMVGPQGRSPSYAS 209  
Db 181 LAPQPPDVGVSSDPLSMVGPQGRSPSYAS 209

RESULT 7  
US-10-771-173-4  
; Sequence 4, Application US/10771173  
; Publication No. US20050037457A1  
; GENERAL INFORMATION:  
; APPLICANT: Itoh, Nobuyuki  
; APPLICANT: Kavanagh, W. Michael

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; TITLE OF INVENTION: HUMAN FGF-21 GENE AND GENE EXPRESSION
; TITLE OF INVENTION: PRODUCTS
; FILE REFERENCE: PP-16758.001/201130.408
; CURRENT APPLICATION NUMBER: US/10/771,173
; CURRENT FILING DATE: 2004-02-03
; PRIOR APPLICATION NUMBER: US/09/715,805
; PRIOR FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 209
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-771-173-4

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Qy 61 LEIREDTGVGGAADQSPESLLQLKALKPGVQILGVKTSRFLCQRPDGLYSLHFDPEA 120
Db 61 LEIREDTGVGGAADQSPESLLQLKALKPGVQILGVKTSRFLCQRPDGLYSLHFDPEA 120

Qy 121 CSFRELLEDGYNVYQSEAHGLPLHLPNGKSPHRDPAPRGPARFLPLGPPALPEPPGI 180
Db 121 CSFRELLEDGYNVYQSEAHGLPLHLPNGKSPHRDPAPRGPARFLPLGPPALPEPPGI 180

Qy 181 LAPQPPDVGSSDPLSMVGPQGRSPSYAS 209
Db 181 LAPQPPDVGSSDPLSMVGPQGRSPSYAS 209

RESULT 8
US-10-659-004-68
; Sequence 68, Application US/10659004
; Publication No. US20050048507A1
; GENERAL INFORMATION:
; APPLICANT: Zhong et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-608
; CURRENT APPLICATION NUMBER: US/10/659,004
; CURRENT FILING DATE: 2003-09-09
; PRIOR APPLICATION NUMBER: 60/295,607
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/295,661
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/296,404
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: 60/296,418
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: 60/297,414
; PRIOR FILING DATE: 2001-06-11
; PRIOR APPLICATION NUMBER: 60/297,567
; PRIOR FILING DATE: 2001-06-12
; PRIOR APPLICATION NUMBER: 60/298,285
; PRIOR FILING DATE: 2001-06-14
; PRIOR APPLICATION NUMBER: 60/298,556
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/299,949
; PRIOR FILING DATE: 2001-06-21
; PRIOR APPLICATION NUMBER: 60/300,883
; PRIOR FILING DATE: 2001-06-26
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 187
; SOFTWARE: Curaseqlist version 0.1
; SEQ ID NO 68
; LENGTH: 209
; TYPE: PRT
; ORGANISM: Homo sapiens

US-10-771-173-4
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US-10-659-004-68

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Qy 67 GTVGGAADQSPESLLQLKALKPGVQILGVKTSRFLCQRPDGLYSLHFDPEACSFREL 126
Db 67 GTVGGAADQSPESLLQLKALKPGVQILGVKTSRFLCQRPDGLYSLHFDPEACSFREL 126

Qy 127 LLEDGYNVYQSEAHGLPLHLPNGKSPHRDPAPRGPARFLPLGPPALPEPPGILAPQP 186
Db 127 LLEDGYNVYQSEAHGLPLHLPNGKSPHRDPAPRGPARFLPLGPPALPEPPGILAPQP 186

Qy 187 DVGSSDPLSMVGPQGRSPSYAS 209
Db 187 DVGSSDPLSMVGPQGRSPSYAS 209

RESULT 9
US-10-659-004-70
; Sequence 70, Application US/10659004
; Publication No. US20050048507A1
; GENERAL INFORMATION:
; APPLICANT: Zhong et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-608
; CURRENT APPLICATION NUMBER: US/10/659,004
; CURRENT FILING DATE: 2003-09-09
; PRIOR APPLICATION NUMBER: 60/295,607
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/295,661
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/296,404
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: 60/296,418
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: 60/297,414
; PRIOR FILING DATE: 2001-06-11
; PRIOR APPLICATION NUMBER: 60/297,567
; PRIOR FILING DATE: 2001-06-12
; PRIOR APPLICATION NUMBER: 60/298,285
; PRIOR FILING DATE: 2001-06-14
; PRIOR APPLICATION NUMBER: 60/298,556
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/299,949
; PRIOR FILING DATE: 2001-06-21
; PRIOR APPLICATION NUMBER: 60/300,883
; PRIOR FILING DATE: 2001-06-26
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 187
; SOFTWARE: Curaseqlist version 0.1
; SEQ ID NO 70
; LENGTH: 209
; TYPE: PRT
; ORGANISM: Homo sapiens

US-10-659-004-70

Query Match      97.1%; Score 203; DB 5; Length 209;
Best Local Similarity 100.0%; Pred. No. 1.6e-179;
Matches 203; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 7 GFHSGLWVSVLAGLLGACQAHPIPDSSPLQFGGQVRQRYLYTDDAQOQTEAHLEIRE 66
Db 7 GFHSGLWVSVLAGLLGACQAHPIPDSSPLQFGGQVRQRYLYTDDAQOQTEAHLEIRE 66

Qy 67 GTVGGAADQSPESLLQLKALKPGVQILGVKTSRFLCQRPDGLYSLHFDPEACSFREL 126
Db 67 GTVGGAADQSPESLLQLKALKPGVQILGVKTSRFLCQRPDGLYSLHFDPEACSFREL 126
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QY 127 LLEDGYNVYQSEAHGLPIHLPGNKSHPDPAPRGPARFLPLGLPPALPEPGILAPQPP 186  
Db 127 LLEDGYNVYQSEAHGLPIHLPGNKSHPDPAPRGPARFLPLGLPPALPEPGILAPQPP 186  
QY 187 DVGSSDPLSMVGPSCRSFSYAS 209  
Db 187 DVGSSDPLSMVGPSCRSFSYAS 209

## RESULT 10

US-10-659-004-66  
; Sequence 66, Application US/10659004  
; Publication No. US20050048507A1  
; GENERAL INFORMATION:  
; APPLICANT: Zhong et al.  
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD  
; FILE REFERENCE: 21402-608  
; CURRENT APPLICATION NUMBER: US/10/659,004  
; CURRENT FILING DATE: 2003-09-09  
; PRIOR FILING DATE: 2001-06-04  
; PRIOR APPLICATION NUMBER: 60/295,607  
; PRIOR FILING DATE: 2001-06-04  
; PRIOR APPLICATION NUMBER: 60/295,661  
; PRIOR FILING DATE: 2001-06-04  
; PRIOR APPLICATION NUMBER: 60/296,404  
; PRIOR FILING DATE: 2001-06-06  
; PRIOR APPLICATION NUMBER: 60/297,567  
; PRIOR FILING DATE: 2001-06-12  
; PRIOR APPLICATION NUMBER: 60/296,418  
; PRIOR FILING DATE: 2001-06-06  
; PRIOR APPLICATION NUMBER: 60/297,414  
; PRIOR FILING DATE: 2001-06-11  
; PRIOR APPLICATION NUMBER: 60/297,567  
; PRIOR FILING DATE: 2001-06-12  
; PRIOR APPLICATION NUMBER: 60/298,285  
; PRIOR FILING DATE: 2001-06-14  
; PRIOR APPLICATION NUMBER: 60/298,556  
; PRIOR FILING DATE: 2001-06-15  
; PRIOR APPLICATION NUMBER: 60/299,949  
; PRIOR FILING DATE: 2001-06-21  
; PRIOR APPLICATION NUMBER: 60/300,883  
; PRIOR FILING DATE: 2001-06-26  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 187  
; SOFTWARE: CuraseqList version 0.1  
; SEQ ID NO 66  
; LENGTH: 209  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-659-004-66

Query Match 91.9%; Score 192; DB 5; Length 209;  
Best Local Similarity 100.0%; Pred. No. 2.4e-169;  
Matches 192; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 18 LAGLLGACQAHPIPDSSPLQLQFGQVRQRYLYTDDAQTEAHLEIREDTGVGGAADQSP 77  
Db 18 LAGLLGACQAHPIPDSSPLQLQFGQVRQRYLYTDDAQTEAHLEIREDTGVGGAADQSP 77  
QY 78 ESSLQKALKEGVIQILGVKTSRFLCQRPDQALYGLSLHFDPEACSFRELLLEDGYNVYQS 137  
Db 78 ESSLQKALKEGVIQILGVKTSRFLCQRPDQALYGLSLHFDPEACSFRELLLEDGYNVYQS 137  
QY 138 EAHGLPLHGNKSHRDPAPRGPARFLPLGLPPALPEPGILAPQPPDVGSSDPLSMV 197  
Db 138 EAHGLPLHGNKSHRDPAPRGPARFLPLGLPPALPEPGILAPQPPDVGSSDPLSMV 197  
QY 198 GPSQGRSPSYAS 209  
Db 198 GPSQGRSPSYAS 209

## RESULT 11

US-09-755-695-2  
; Sequence 2, Application US/09755695

; Patent No. US20020081663A1  
; GENERAL INFORMATION:  
; APPLICANT: Conklin, Darrell C.  
; APPLICANT: Chen, Zhi  
; TITLE OF INVENTION: NOVEL FGF HOMOLOG ZFGF11  
; FILE REFERENCE: 00-03  
; CURRENT APPLICATION NUMBER: US/09/755,695  
; CURRENT FILING DATE: 2001-05-11  
; PRIOR APPLICATION NUMBER: US 60/174,526  
; PRIOR FILING DATE: 2000-01-05  
; NUMBER OF SEQ ID NOS: 6  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 2  
; LENGTH: 208  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-755-695-2

Query Match 90.0%; Score 188; DB 3; Length 208;  
Best Local Similarity 100.0%; Pred. No. 1.2e-165;  
Matches 188; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 22 LLGACQAHPIPDSSPLQLQFGQVRQRYLYTDDAQTEAHLEIREDTGVGGAADQSPESLL 81  
Db 21 LLGACQAHPIPDSSPLQLQFGQVRQRYLYTDDAQTEAHLEIREDTGVGGAADQSPESLL 80  
QY 82 QLKALKPGVIQILGVKTSRFLCQRPDQALYGLSLHFDPEACSFRELLLEDGYNVYQSEAHG 141  
Db 81 QLKALKPGVIQILGVKTSRFLCQRPDQALYGLSLHFDPEACSFRELLLEDGYNVYQSEAHG 140  
QY 142 LPLHLPGNKSHPDPAPRGPARFLPLGLPPALPEPGILAPQPPDVGSSDPLSMVGPSPQ 201  
Db 141 LPLHLPGNKSHPDPAPRGPARFLPLGLPPALPEPGILAPQPPDVGSSDPLSMVGPSPQ 200  
QY 202 GRSPSYAS 209  
Db 201 GRSPSYAS 208

## RESULT 12

US-10-227-884-78  
; Sequence 78, Application US/10227884  
; Publication No. US20030027988A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530P1C79  
; CURRENT APPLICATION NUMBER: US/10/227,884  
; CURRENT FILING DATE: 2002-08-26  
; PRIOR APPLICATION NUMBER: 10/119,480  
; PRIOR FILING DATE: 2002-04-09  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063549  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/069873  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR APPLICATION NUMBER: 60/078910

, PRIOR FILING DATE: 1998-03-20  
, PRIOR APPLICATION NUMBER: 60/079294  
, PRIOR FILING DATE: 1998-03-25  
, PRIOR APPLICATION NUMBER: 60/079656  
, PRIOR FILING DATE: 1998-03-26  
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, PRIOR APPLICATION NUMBER: 60/081819  
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, PRIOR FILING DATE: 1998-04-15  
, PRIOR APPLICATION NUMBER: 60/082804  
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, PRIOR FILING DATE: 1999-01-12  
, PRIOR APPLICATION NUMBER: 60/115565  
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, PRIOR APPLICATION NUMBER: 60/141037  
, PRIOR FILING DATE: 1999-06-23  
, PRIOR APPLICATION NUMBER: 60/144758

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; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
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; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 78
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-230-338-78

Query Match          90.0%; Score 188; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 1.2e-165;
Matches 188; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 22 LLGACQAHPIPDSSPLLOFGGQVRQRYLYTDDAQOQTEAHLEIREDTGVGGAADQSPESLL 81
Db 21 LLGACQAHPIPDSSPLLOFGGQVRQRYLYTDDAQOQTEAHLEIREDTGVGGAADQSPESLL 80
QY 82 QLKALKPGVIOILGVKTSRFLCORPDGALYGLSLHFDPEACSFRELLLEDGYNVYQSEAHG 141
Db 81 QLKALKPGVIOILGVKTSRFLCORPDGALYGLSLHFDPEACSFRELLLEDGYNVYQSEAHG 140
QY 142 LPLHLPGNKSHPRDAPRGPARFLPLGLPPALPEPPGILAPQPPDVGVSSDPLSMVGPSQ 201
Db 141 LPLHLPGNKSHPRDAPRGPARFLPLGLPPALPEPPGILAPQPPDVGVSSDPLSMVGPSQ 200
QY 202 GRSPSYAS 209
Db 201 GRSPSYAS 208
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RESULT 15
US-10-218-631-78
; Sequence 78, Application US/10218631
; Publication No. US20030045687A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3530P1C14
; CURRENT APPLICATION NUMBER: US/10/218,631
; CURRENT FILING DATE: 2002-08-12
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
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; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
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; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
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; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 78
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-218-631-78

Query Match          90.0%; Score 188; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 1.2e-165;
Matches 188; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 22 LLGACQAHPIPDSSPLLOFGGQVRQRYLYTDDAQOQTEAHLEIREDTGVGGAADQSPESLL 81
Db 21 LLGACQAHPIPDSSPLLOFGGQVRQRYLYTDDAQOQTEAHLEIREDTGVGGAADQSPESLL 80
QY 82 QLKALKPGVIOILGVKTSRFLCORPDGALYGLSLHFDPEACSFRELLLEDGYNVYQSEAHG 141
Db 81 QLKALKPGVIOILGVKTSRFLCORPDGALYGLSLHFDPEACSFRELLLEDGYNVYQSEAHG 140
QY 142 LPLHLPGNKSHPRDAPRGPARFLPLGLPPALPEPPGILAPQPPDVGVSSDPLSMVGPSQ 201
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QY 202 GRSPSYAS 209
Db 201 GRSPSYAS 208
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Search completed: January 13, 2006, 17:39:47  
Job time : 74 secs

GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: January 13, 2006, 17:33:30 ; Search time 9 Seconds  
(without alignments)  
219.548 Million cell updates/sec

Title: US-10-060-765-4

Perfect score: 209

Sequence: 1 MDSPTGFHSLWVSLAG.....SSDPLSMVGPQGRSPSYAS 209

Scoring table: OLIGO

Gapop 60.0 , Gapext 60.0

Searched: 67062 seqs, 9454214 residues

Word size : 0

Total number of hits satisfying chosen parameters: 67062

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Listing first 1000 summaries

Database : Published Applications AA New:\*

- 1: /cgn2\_6/ptodata/2/pubpaa/US08\_NEW\_PUB.pep.\*
- 2: /cgn2\_6/ptodata/2/pubpaa/US06\_NEW\_PUB.pep.\*
- 3: /cgn2\_6/ptodata/2/pubpaa/US07\_NEW\_PUB.pep.\*
- 4: /cgn2\_6/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep.\*
- 5: /cgn2\_6/ptodata/2/pubpaa/US03\_NEW\_PUB.pep.\*
- 6: /cgn2\_6/ptodata/2/pubpaa/US10\_NEW\_PUB.pep.\*
- 7: /cgn2\_6/ptodata/2/pubpaa/US11\_NEW\_PUB.pep.\*
- 8: /cgn2\_6/ptodata/2/pubpaa/US60\_NEW\_PUB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	7	3.3	772	7	US-11-147-238-2
2	7	3.3	772	7	US-11-147-238-5
3	6	2.9	26	6	US-10-966-483-44
4	6	2.9	26	6	US-11-021-441-45
5	6	2.9	59	7	US-11-021-441-109
6	6	2.9	119	6	US-10-485-517-147
7	6	2.9	122	6	US-10-467-657-7782
8	6	2.9	126	6	US-10-467-657-4260
9	6	2.9	127	6	US-10-793-626-242
10	6	2.9	155	6	US-10-467-657-7322
11	6	2.9	157	6	US-10-957-569-64
12	6	2.9	158	6	US-10-467-657-7326
13	6	2.9	184	6	US-10-742-634-5
14	6	2.9	184	6	US-10-967-527A-5
15	6	2.9	194	6	US-10-995-561-784
16	6	2.9	229	7	US-11-063-343-34
17	6	2.9	233	6	US-10-858-730-234
18	6	2.9	233	7	US-11-035-822-54
19	6	2.9	240	7	US-11-021-441-28
20	6	2.9	243	6	US-10-467-657-5538
21	6	2.9	245	6	US-10-467-657-7884
22	6	2.9	247	6	US-10-793-626-2070
23	6	2.9	260	6	US-10-453-372-816
24	6	2.9	268	6	US-10-467-657-4064
25	6	2.9	278	6	US-10-453-372-814
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					Sequence 5, Appli
					Sequence 44, Appl
					Sequence 45, Appl
					Sequence 109, App
					Sequence 147, App
					Sequence 1782, Ap
					Sequence 4260, Ap
					Sequence 242, App
					Sequence 7322, Ap
					Sequence 64, Appl
					Sequence 7326, Ap
					Sequence 5, Appli
					Sequence 5, Appli
					Sequence 784, App
					Sequence 34, Appl
					Sequence 234, App
					Sequence 54, Appl
					Sequence 28, Appl
					Sequence 5538, Ap
					Sequence 7884, Ap
					Sequence 2070, Ap
					Sequence 816, App
					Sequence 4064, Ap
					Sequence 814, App

26	6	2.9	279	6	US-10-883-512-105	Sequence 105, App
27	6	2.9	294	6	US-10-858-730-118	Sequence 118, App
28	6	2.9	313	6	US-10-793-626-3102	Sequence 3102, Ap
29	6	2.9	336	7	US-11-205-109-6	Sequence 6, Appli
30	6	2.9	367	6	US-10-888-962-6	Sequence 6, Appli
31	6	2.9	383	6	US-10-793-626-2168	Sequence 2168, Ap
32	6	2.9	397	6	US-10-467-657-2684	Sequence 2684, Ap
33	6	2.9	413	6	US-10-467-657-2122	Sequence 2122, Ap
34	6	2.9	414	6	US-10-821-234-1170	Sequence 1170, Ap
35	6	2.9	426	7	US-11-174-150-44	Sequence 44, Appl
36	6	2.9	428	6	US-10-485-517-371	Sequence 371, App
37	6	2.9	437	7	US-11-082-389-180	Sequence 180, App
38	6	2.9	438	6	US-10-995-561-589	Sequence 589, App
39	6	2.9	462	6	US-10-467-657-622	Sequence 622, App
40	6	2.9	477	6	US-10-995-561-587	Sequence 587, App
41	6	2.9	477	6	US-10-995-561-588	Sequence 588, App
42	6	2.9	479	6	US-10-821-234-871	Sequence 871, App
43	6	2.9	479	6	US-10-966-483-36	Sequence 36, Appli
44	6	2.9	479	7	US-11-021-441-20	Sequence 20, Appli
45	6	2.9	487	6	US-10-055-877-268	Sequence 268, App
46	6	2.9	497	6	US-10-966-483-38	Sequence 38, Appl
47	6	2.9	497	6	US-10-966-483-40	Sequence 40, Appl
48	6	2.9	497	7	US-11-021-441-22	Sequence 22, Appl
49	6	2.9	497	7	US-11-021-441-24	Sequence 24, Appl
50	6	2.9	505	6	US-10-873-528-120	Sequence 120, App
51	6	2.9	512	6	US-10-517-939-236	Sequence 236, App
52	6	2.9	537	6	US-10-467-657-4136	Sequence 4136, Ap
53	6	2.9	544	6	US-10-467-657-2436	Sequence 2436, Ap
54	6	2.9	553	7	US-11-030-439-18	Sequence 18, Appl
55	6	2.9	563	6	US-10-966-483-25	Sequence 25, Appl
56	6	2.9	563	7	US-11-021-441-9	Sequence 9, Appli
57	6	2.9	581	6	US-10-966-483-27	Sequence 27, Appl
58	6	2.9	581	6	US-10-966-483-29	Sequence 29, Appl
59	6	2.9	581	7	US-11-021-441-11	Sequence 11, Appl
60	6	2.9	581	7	US-11-021-441-13	Sequence 13, Appl
61	6	2.9	606	6	US-10-624-332-16	Sequence 16, Appl
62	6	2.9	606	6	US-10-624-332-18	Sequence 18, Appl
63	6	2.9	617	6	US-10-995-561-890	Sequence 890, App
64	6	2.9	618	7	US-11-052-554A-150	Sequence 150, App
65	6	2.9	703	6	US-10-821-234-1317	Sequence 1317, Ap
66	6	2.9	734	6	US-10-652-893-2	Sequence 2, Appli
67	6	2.9	734	7	US-11-137-465-65	Sequence 65, Appl
68	6	2.9	736	7	US-11-145-035-22	Sequence 22, Appl
69	6	2.9	771	6	US-10-821-234-1271	Sequence 1271, Ap
70	6	2.9	783	7	US-11-052-554A-157	Sequence 157, App
71	6	2.9	803	6	US-10-513-759-2	Sequence 2, Appli
72	6	2.9	810	6	US-10-954-468-37	Sequence 37, Appl
73	6	2.9	914	7	US-11-052-554A-160	Sequence 160, App
74	6	2.9	1019	6	US-10-995-561-982	Sequence 982, App
75	6	2.9	1035	6	US-10-966-483-20	Sequence 20, Appl
76	6	2.9	1035	7	US-11-021-441-4	Sequence 4, Appli
77	6	2.9	1046	7	US-11-120-308-186	Sequence 186, App
78	6	2.9	1163	7	US-11-044-899-2	Sequence 2, Appli
79	6	2.9	1163	7	US-11-044-899-30	Sequence 30, Appl
80	6	2.9	1178	7	US-11-044-899-29	Sequence 29, Appl
81	6	2.9	1192	6	US-10-858-730-72	Sequence 72, Appl
82	6	2.9	1206	6	US-10-858-730-73	Sequence 73, Appl
83	6	2.9	1237	7	US-11-052-554A-95	Sequence 95, Appl
84	6	2.9	1431	7	US-11-128-059-2	Sequence 2, Appli
85	6	2.9	1452	6	US-10-821-234-1102	Sequence 1102, Ap
86	6	2.9	1560	7	US-11-059-982-1	Sequence 1, Appli
87	6	2.9	1933	6	US-10-523-912-2	Sequence 2, Appli
88	6	2.9	1960	7	US-11-069-834-48	Sequence 48, Appl
89	6	2.9	1960	7	US-11-069-834-50	Sequence 50, Appl
90	6	2.9	2353	7	US-11-097-728-6	Sequence 6, Appli
91	6	2.9	3073	7	US-11-143-980-50	Sequence 50, Appl
92	6	2.9	3353	7	US-11-037-243-64	Sequence 64, Appl
93	6	2.9	4655	6	US-10-995-561-556	Sequence 556, App
94	6	2.9	5291	7	US-11-052-554A-281	Sequence 281, App
95	6	2.9	7968	7	US-11-143-980-49	Sequence 49, Appl
96	5	2.4	8	6	US-10-877-961B-145	Sequence 145, App
97	5	2.4	8	6	US-10-966-483-56	Sequence 56, Appl
98	5	2.4	9	7	US-11-021-441-73	Sequence 73, Appl

99	5	2.4	11	6	US-10-877-961B-107	Sequence 107, App	172	5	2.4	102	6	US-10-793-626-2616	Sequence 2616, Ap
100	5	2.4	11	6	US-10-877-961B-144	Sequence 144, App	173	5	2.4	103	6	US-10-995-561-590	Sequence 590, App
101	5	2.4	11	6	US-10-877-961B-146	Sequence 146, App	174	5	2.4	103	6	US-10-485-788A-647	Sequence 647, App
102	5	2.4	11	6	US-10-877-961B-147	Sequence 147, App	175	5	2.4	103	6	US-11-053-076-119	Sequence 119, App
103	5	2.4	11	6	US-10-877-961B-148	Sequence 148, App	176	5	2.4	105	6	US-10-131-826A-154	Sequence 154, App
104	5	2.4	11	6	US-10-877-961B-149	Sequence 149, App	177	5	2.4	105	6	US-11-000-463-759	Sequence 759, App
105	5	2.4	11	6	US-10-877-961B-229	Sequence 229, App	178	5	2.4	106	6	US-10-467-657-2100	Sequence 2100, Ap
106	5	2.4	11	6	US-10-877-961B-230	Sequence 230, App	179	5	2.4	108	6	US-10-821-234-1028	Sequence 1028, Ap
107	5	2.4	11	6	US-10-877-961B-231	Sequence 231, App	180	5	2.4	108	6	US-11-084-508-17	Sequence 17, Appl
108	5	2.4	11	6	US-10-877-961B-232	Sequence 232, App	181	5	2.4	110	6	US-10-467-657-444	Sequence 444, App
109	5	2.4	12	7	US-11-033-039-214	Sequence 214, App	182	5	2.4	111	6	US-10-821-234-1547	Sequence 1547, Ap
110	5	2.4	14	6	US-10-877-961B-108	Sequence 108, App	183	5	2.4	112	6	US-10-467-657-4458	Sequence 4458, Ap
111	5	2.4	14	7	US-11-054-515-2443	Sequence 2443, Ap	184	5	2.4	113	6	US-10-793-626-2338	Sequence 2338, Ap
112	5	2.4	14	7	US-11-054-515-2647	Sequence 2647, Ap	185	5	2.4	113	6	US-11-113-424-181	Sequence 181, App
113	5	2.4	14	7	US-11-054-515-2659	Sequence 2659, Ap	186	5	2.4	114	7	US-11-149-462-9	Sequence 9, Appl
114	5	2.4	14	7	US-11-054-515-2713	Sequence 2713, Ap	187	5	2.4	116	6	US-10-467-657-5922	Sequence 5922, Ap
115	5	2.4	16	7	US-11-054-515-3160	Sequence 3160, Ap	188	5	2.4	118	7	US-11-000-463-462	Sequence 462, App
116	5	2.4	17	7	US-11-033-039-216	Sequence 216, App	189	5	2.4	119	7	US-11-120-308-146	Sequence 146, App
117	5	2.4	18	6	US-10-985-426-6	Sequence 6, Appl	190	5	2.4	120	7	US-11-074-176-138	Sequence 138, App
118	5	2.4	18	6	US-10-877-961B-106	Sequence 106, App	191	5	2.4	122	6	US-10-793-626-2764	Sequence 2764, Ap
119	5	2.4	18	7	US-11-019-894A-23	Sequence 23, Appl	192	5	2.4	123	6	US-10-467-657-2322	Sequence 2322, Ap
120	5	2.4	18	7	US-11-067-092A-12	Sequence 12, Appl	193	5	2.4	126	6	US-10-821-234-1318	Sequence 1318, Ap
121	5	2.4	18	7	US-11-016-542-8	Sequence 8, Appl	194	5	2.4	126	7	US-11-102-497-2	Sequence 2, Appl
122	5	2.4	18	7	US-11-112-950-4	Sequence 4, Appl	195	5	2.4	127	6	US-10-793-626-2146	Sequence 2146, Ap
123	5	2.4	19	6	US-10-503-575-146	Sequence 146, App	196	5	2.4	129	6	US-10-485-517-178	Sequence 178, App
124	5	2.4	19	6	US-10-503-575-293	Sequence 293, App	197	5	2.4	129	6	US-10-793-626-2138	Sequence 2138, Ap
125	5	2.4	19	6	US-10-877-961B-105	Sequence 105, App	198	5	2.4	131	7	US-11-084-591-3	Sequence 3, Appl
126	5	2.4	21	6	US-10-939-890-548	Sequence 548, App	199	5	2.4	131	6	US-10-467-657-2496	Sequence 2496, Ap
127	5	2.4	21	6	US-10-939-890-609	Sequence 609, App	200	5	2.4	133	6	US-10-667-295-221	Sequence 221, App
128	5	2.4	22	7	US-11-065-943-41	Sequence 41, Appl	201	5	2.4	134	6	US-10-467-657-8024	Sequence 8024, Ap
129	5	2.4	22	7	US-11-065-943-43	Sequence 43, Appl	202	5	2.4	135	6	US-10-821-234-1037	Sequence 1037, Ap
130	5	2.4	24	6	US-10-986-501-228	Sequence 228, App	203	5	2.4	135	6	US-10-467-657-5364	Sequence 5364, Ap
131	5	2.4	25	6	US-10-932-334-39	Sequence 39, Appl	204	5	2.4	137	6	US-10-995-561-853	Sequence 853, App
132	5	2.4	31	6	US-10-467-657-8770	Sequence 8770, Ap	205	5	2.4	138	6	US-10-467-657-8342	Sequence 8342, Ap
133	5	2.4	37	6	US-10-516-768-23	Sequence 23, Appl	206	5	2.4	140	6	US-10-793-626-1772	Sequence 1772, Ap
134	5	2.4	37	6	US-10-516-768-24	Sequence 24, Appl	207	5	2.4	140	6	US-10-453-372-422	Sequence 422, App
135	5	2.4	37	6	US-10-516-768-25	Sequence 25, Appl	208	5	2.4	140	7	US-11-118-855-11	Sequence 11, Appl
136	5	2.4	37	7	US-11-214-199-73	Sequence 73, Appl	209	5	2.4	141	6	US-10-527-500-81	Sequence 81, Appl
137	5	2.4	40	6	US-10-485-517-149	Sequence 149, App	210	5	2.4	141	7	US-11-119-098-1	Sequence 1, Appl
138	5	2.4	40	6	US-10-485-517-353	Sequence 353, App	211	5	2.4	142	6	US-10-454-437-334	Sequence 334, App
139	5	2.4	40	6	US-10-957-887B-273	Sequence 273, App	212	5	2.4	144	7	US-11-000-463-376	Sequence 376, App
140	5	2.4	45	6	US-10-986-501-127	Sequence 127, App	213	5	2.4	145	6	US-10-793-626-2564	Sequence 2564, Ap
141	5	2.4	46	6	US-10-467-657-6184	Sequence 6184, Ap	214	5	2.4	145	6	US-10-467-657-6506	Sequence 6506, Ap
142	5	2.4	48	6	US-10-986-501-227	Sequence 227, App	215	5	2.4	145	7	US-11-021-305-5	Sequence 5, Appl
143	5	2.4	49	7	US-11-033-039-223	Sequence 223, App	216	5	2.4	146	6	US-10-835-615-341	Sequence 341, App
144	5	2.4	52	6	US-10-914-165-7	Sequence 7, Appl	217	5	2.4	146	6	US-10-835-615-443	Sequence 443, App
145	5	2.4	53	6	US-10-512-184-38	Sequence 38, Appl	218	5	2.4	146	6	US-10-793-626-2588	Sequence 2588, Ap
146	5	2.4	54	6	US-10-467-657-3784	Sequence 3784, Ap	219	5	2.4	146	7	US-10-467-657-1656	Sequence 1656, Ap
147	5	2.4	61	6	US-10-467-657-4788	Sequence 4788, Ap	220	5	2.4	146	7	US-11-000-463-881	Sequence 881, App
148	5	2.4	64	6	US-10-467-657-9117	Sequence 9117, Ap	221	5	2.4	147	6	US-10-467-657-2000	Sequence 2000, Ap
149	5	2.4	68	6	US-10-467-657-3830	Sequence 3830, Ap	222	5	2.4	149	6	US-10-467-657-2862	Sequence 2862, Ap
150	5	2.4	69	6	US-10-467-657-5370	Sequence 5270, Ap	223	5	2.4	152	6	US-10-467-657-2466	Sequence 2466, Ap
151	5	2.4	76	6	US-10-467-657-8532	Sequence 8532, Ap	224	5	2.4	153	6	US-10-689-742-216	Sequence 216, App
152	5	2.4	78	7	US-11-055-822-1042	Sequence 1042, Ap	225	5	2.4	155	6	US-10-995-561-953	Sequence 953, App
153	5	2.4	85	7	US-11-194-246-305	Sequence 305, App	226	5	2.4	155	7	US-11-149-462-7	Sequence 7, Appl
154	5	2.4	89	6	US-10-467-657-3542	Sequence 3542, Ap	227	5	2.4	158	6	US-10-467-657-83	Sequence 83, Appl
155	5	2.4	89	6	US-10-485-788A-815	Sequence 815, App	228	5	2.4	158	6	US-10-793-626-290	Sequence 290, App
156	5	2.4	89	7	US-11-053-076-200	Sequence 200, App	229	5	2.4	160	6	US-10-793-626-2940	Sequence 2940, Ap
157	5	2.4	90	6	US-10-485-788A-646	Sequence 646, App	230	5	2.4	161	7	US-11-214-371-2	Sequence 2, Appl
158	5	2.4	90	7	US-11-053-076-14	Sequence 14, Appl	231	5	2.4	162	6	US-10-667-295-132	Sequence 132, App
159	5	2.4	93	6	US-10-485-788A-634	Sequence 634, App	232	5	2.4	164	6	US-10-467-657-6834	Sequence 6834, Ap
160	5	2.4	93	7	US-11-053-076-2	Sequence 2, Appl	233	5	2.4	164	7	US-11-212-443-8	Sequence 8, Appl
161	5	2.4	93	7	US-11-124-368A-251	Sequence 251, App	234	5	2.4	166	6	US-10-467-657-1396	Sequence 1396, Ap
162	5	2.4	94	6	US-10-821-234-1123	Sequence 1123, Ap	235	5	2.4	168	7	US-11-097-749-58	Sequence 58, Appl
163	5	2.4	94	7	US-11-212-443-160	Sequence 160, App	236	5	2.4	169	6	US-10-689-742-80	Sequence 80, Appl
164	5	2.4	96	6	US-10-821-234-1555	Sequence 1555, Ap	237	5	2.4	171	6	US-10-467-657-8576	Sequence 8576, Ap
165	5	2.4	96	6	US-10-925-366A-222	Sequence 222, App	238	5	2.4	172	7	US-11-090-916-15	Sequence 15, Appl
166	5	2.4	97	7	US-11-179-478-18	Sequence 18, Appl	239	5	2.4	173	6	US-10-821-234-1452	Sequence 1452, Ap
167	5	2.4	99	7	US-11-000-463-934	Sequence 934, App	240	5	2.4	178	6	US-10-667-295-131	Sequence 131, App
168	5	2.4	100	7	US-11-053-076-46	Sequence 46, Appl	241	5	2.4	179	6	US-10-467-657-4526	Sequence 4526, Ap
169	5	2.4	100	7	US-11-053-076-125	Sequence 125, App	242	5	2.4	179	6	US-10-467-657-6542	Sequence 6542, Ap
170	5	2.4	101	7	US-11-053-076-134	Sequence 134, App	243	5	2.4	179	7	US-11-106-399-10	Sequence 10, Appl
171	5	2.4	101	7	US-11-055-822-272	Sequence 272, App	244	5	2.4	180	6	US-10-485-517-194	Sequence 194, App



245	5	2.4	180	6	US-10-485-517-322	Sequence 322, App	318	5	2.4	232	6	US-10-467-657-4338	Sequence 4338, App
246	5	2.4	180	6	US-10-980-388-61	Sequence 61, Appl	319	5	2.4	237	7	US-11-108-172-1062	Sequence 1062, App
247	5	2.4	180	7	US-11-212-443-194	Sequence 194, App	320	5	2.4	238	6	US-10-485-517-191	Sequence 191, App
248	5	2.4	181	7	US-11-000-463-409	Sequence 409, App	321	5	2.4	238	6	US-10-623-155-174	Sequence 174, App
249	5	2.4	182	6	US-10-131-826A-174	Sequence 174, App	322	5	2.4	238	6	US-10-873-528-23	Sequence 23, Appl
250	5	2.4	182	6	US-10-485-517-386	Sequence 386, App	323	5	2.4	239	6	US-10-503-972-6	Sequence 6, Appl
251	5	2.4	183	6	US-11-055-822-244	Sequence 244, App	324	5	2.4	239	7	US-11-136-341A-2	Sequence 2, Appl
252	5	2.4	183	6	US-10-467-657-5600	Sequence 5600, App	325	5	2.4	239	7	US-11-136-341A-3	Sequence 3, Appl
253	5	2.4	184	6	US-10-667-295-130	Sequence 130, App	326	5	2.4	240	6	US-10-793-626-1372	Sequence 1372, App
254	5	2.4	184	6	US-10-821-234-1415	Sequence 1415, App	327	5	2.4	240	7	US-11-055-822-476	Sequence 476, App
255	5	2.4	184	6	US-10-055-877-198	Sequence 198, App	328	5	2.4	240	7	US-11-055-822-892	Sequence 882, App
256	5	2.4	185	6	US-10-967-527A-32	Sequence 32, Appl	329	5	2.4	240	7	US-11-217-443-159	Sequence 159, App
257	5	2.4	185	6	US-10-467-657-5680	Sequence 5680, App	330	5	2.4	241	6	US-10-821-234-1502	Sequence 1602, App
258	5	2.4	187	7	US-11-052-554A-18	Sequence 18, Appl	331	5	2.4	242	6	US-10-454-437-92	Sequence 92, Appl
259	5	2.4	188	6	US-10-858-730-230	Sequence 230, App	332	5	2.4	242	7	US-11-097-749-5	Sequence 5, Appl
260	5	2.4	192	6	US-10-821-234-1299	Sequence 1299, App	333	5	2.4	243	7	US-11-082-389-268	Sequence 268, App
261	5	2.4	193	6	US-10-467-657-540	Sequence 540, App	334	5	2.4	243	7	US-11-082-389-270	Sequence 270, App
262	5	2.4	193	7	US-11-085-775-4	Sequence 4, Appl	335	5	2.4	243	7	US-11-108-172-1122	Sequence 1122, App
263	5	2.4	194	6	US-10-986-501-341	Sequence 341, App	336	5	2.4	244	6	US-10-514-040-4	Sequence 4, Appl
264	5	2.4	194	6	US-10-793-626-140	Sequence 140, App	337	5	2.4	244	7	US-11-157-947-1	Sequence 1, Appl
265	5	2.4	195	7	US-11-055-822-782	Sequence 782, App	338	5	2.4	244	7	US-11-052-554A-323	Sequence 323, App
266	5	2.4	196	6	US-10-967-527A-26	Sequence 26, Appl	339	5	2.4	245	6	US-10-055-877-196	Sequence 196, App
267	5	2.4	197	6	US-10-467-657-896	Sequence 896, App	340	5	2.4	246	6	US-10-793-626-2166	Sequence 2166, App
268	5	2.4	197	6	US-10-467-657-1632	Sequence 1632, App	341	5	2.4	247	6	US-10-131-826A-284	Sequence 284, App
269	5	2.4	197	6	US-10-467-657-2604	Sequence 2604, App	342	5	2.4	247	6	US-10-131-826A-514	Sequence 514, App
270	5	2.4	197	6	US-10-467-657-4800	Sequence 4800, App	343	5	2.4	247	7	US-11-113-424-76	Sequence 76, Appl
271	5	2.4	197	6	US-10-467-657-6554	Sequence 6554, App	344	5	2.4	247	7	US-11-103-957-69	Sequence 69, Appl
272	5	2.4	197	7	US-11-097-749-52	Sequence 52, Appl	345	5	2.4	247	6	US-10-821-234-1125	Sequence 1125, App
273	5	2.4	197	7	US-11-097-749-53	Sequence 53, Appl	346	5	2.4	249	6	US-10-967-527A-21	Sequence 21, Appl
274	5	2.4	198	6	US-10-967-527A-2	Sequence 2, Appl	347	5	2.4	249	7	US-11-054-515-334	Sequence 334, App
275	5	2.4	198	7	US-11-126-427-12	Sequence 12, Appl	348	5	2.4	249	7	US-11-054-515-359	Sequence 359, App
276	5	2.4	199	6	US-10-467-657-4532	Sequence 4532, App	349	5	2.4	249	7	US-11-054-515-442	Sequence 442, App
277	5	2.4	199	7	US-11-000-463-880	Sequence 880, App	350	5	2.4	249	7	US-11-054-515-549	Sequence 549, App
278	5	2.4	201	6	US-10-055-877-230	Sequence 230, App	351	5	2.4	250	6	US-10-821-234-1297	Sequence 1297, App
279	5	2.4	202	6	US-10-467-657-484	Sequence 484, App	352	5	2.4	251	6	US-10-453-372-424	Sequence 424, App
280	5	2.4	203	6	US-10-467-657-8012	Sequence 8012, App	353	5	2.4	251	7	US-11-054-515-1219	Sequence 1219, App
281	5	2.4	205	6	US-10-873-528-46	Sequence 46, Appl	354	5	2.4	253	6	US-10-467-657-2572	Sequence 2572, App
282	5	2.4	206	6	US-10-873-528-78	Sequence 78, Appl	355	5	2.4	253	7	US-11-054-515-1951	Sequence 1951, App
283	5	2.4	207	7	US-11-126-427-6	Sequence 6, Appl	356	5	2.4	253	7	US-11-054-515-2101	Sequence 2101, App
284	5	2.4	207	7	US-11-126-427-8	Sequence 8, Appl	357	5	2.4	255	7	US-11-212-443-76	Sequence 76, Appl
285	5	2.4	207	7	US-11-214-199-36	Sequence 36, Appl	358	5	2.4	255	7	US-11-212-443-78	Sequence 78, Appl
286	5	2.4	208	6	US-10-467-657-3098	Sequence 3098, App	359	5	2.4	257	6	US-10-467-962B-73	Sequence 73, Appl
287	5	2.4	208	6	US-10-878-556A-133	Sequence 133, App	360	5	2.4	257	6	US-10-793-626-126	Sequence 126, App
288	5	2.4	209	6	US-10-467-657-24	Sequence 24, Appl	361	5	2.4	261	6	US-10-528-031-6	Sequence 6, Appl
289	5	2.4	209	6	US-10-467-657-7128	Sequence 7128, App	362	5	2.4	263	6	US-10-821-234-1312	Sequence 1312, App
290	5	2.4	210	7	US-11-055-822-1080	Sequence 1080, App	363	5	2.4	263	7	US-11-033-039-193	Sequence 193, App
291	5	2.4	211	7	US-11-124-368A-187	Sequence 187, App	364	5	2.4	264	6	US-10-467-657-6166	Sequence 6166, App
292	5	2.4	212	6	US-10-467-657-3428	Sequence 3428, App	365	5	2.4	267	6	US-10-454-437-90	Sequence 90, Appl
293	5	2.4	214	7	US-11-082-389-116	Sequence 116, App	366	5	2.4	267	7	US-11-074-176-32	Sequence 52, Appl
294	5	2.4	214	7	US-11-126-427-10	Sequence 10, Appl	367	5	2.4	267	7	US-11-055-822-350	Sequence 350, App
295	5	2.4	215	6	US-10-467-657-3238	Sequence 3238, App	368	5	2.4	268	6	US-10-821-234-866	Sequence 866, App
296	5	2.4	216	6	US-10-793-626-4	Sequence 4, Appl	369	5	2.4	268	6	US-10-995-561-967	Sequence 967, App
297	5	2.4	216	6	US-10-793-626-472	Sequence 472, App	370	5	2.4	269	6	US-10-839-799-109	Sequence 109, App
298	5	2.4	218	6	US-10-467-657-7818	Sequence 7818, App	371	5	2.4	269	6	US-10-821-234-1308	Sequence 1308, App
299	5	2.4	219	6	US-10-454-437-402	Sequence 402, App	372	5	2.4	269	6	US-10-467-657-7278	Sequence 7278, App
300	5	2.4	219	7	US-11-170-653-29	Sequence 29, Appl	373	5	2.4	269	7	US-11-179-977-11	Sequence 11, Appl
301	5	2.4	220	6	US-10-965-972-3	Sequence 3, Appl	374	5	2.4	270	6	US-10-495-597-11	Sequence 11, Appl
302	5	2.4	222	6	US-10-821-234-1677	Sequence 1677, App	375	5	2.4	273	6	US-10-131-826A-540	Sequence 540, App
303	5	2.4	223	6	US-10-467-657-3408	Sequence 3408, App	376	5	2.4	273	7	US-11-102-978-13	Sequence 13, Appl
304	5	2.4	223	7	US-11-055-822-1130	Sequence 1130, App	377	5	2.4	275	6	US-11-102-240-168	Sequence 168, App
305	5	2.4	225	6	US-10-873-528-133	Sequence 143, App	378	5	2.4	275	6	US-10-821-234-371	Sequence 371, App
306	5	2.4	225	7	US-11-082-389-232	Sequence 232, App	379	5	2.4	275	7	US-11-065-943-54	Sequence 54, Appl
307	5	2.4	226	6	US-10-467-657-2162	Sequence 2162, App	380	5	2.4	277	7	US-11-102-240-28	Sequence 28, Appl
308	5	2.4	227	6	US-10-467-657-1514	Sequence 1514, App	381	5	2.4	277	7	US-11-000-463-310	Sequence 310, App
309	5	2.4	227	7	US-11-052-554A-319	Sequence 319, App	382	5	2.4	277	7	US-11-120-308-150	Sequence 150, App
310	5	2.4	231	6	US-10-884-730-367	Sequence 367, App	383	5	2.4	278	6	US-10-454-437-76	Sequence 76, Appl
311	5	2.4	231	6	US-10-884-730-368	Sequence 368, App	384	5	2.4	278	6	US-10-454-437-270	Sequence 270, App
312	5	2.4	231	6	US-10-884-730-369	Sequence 369, App	385	5	2.4	279	6	US-10-821-234-1472	Sequence 1472, App
313	5	2.4	231	7	US-11-000-463-745	Sequence 745, App	386	5	2.4	279	6	US-10-467-657-996	Sequence 996, App
314	5	2.4	232	6	US-10-884-730-363	Sequence 363, App	387	5	2.4	279	6	US-10-467-657-8266	Sequence 8266, App
315	5	2.4	232	6	US-10-884-730-364	Sequence 364, App	388	5	2.4	280	6	US-10-967-457-75	Sequence 75, Appl
316	5	2.4	232	6	US-10-884-730-365	Sequence 365, App	389	5	2.4	280	6	US-10-467-657-4208	Sequence 4208, App
317	5	2.4	232	6	US-10-884-730-366	Sequence 366, App	390	5	2.4	280	6	US-10-873-528-49	Sequence 49, Appl



391	5	2.4	281	6	US-10-131-826A-54	Sequence 54, Appl	464	5	2.4	322	7	US-11-055-822-66	Sequence 66, Appl
392	5	2.4	281	6	US-10-793-626-1026	Sequence 1026, Ap	465	5	2.4	323	7	US-11-132-864-7	Sequence 7, Appl
393	5	2.4	281	7	US-11-087-177-15	Sequence 15, Appl	466	5	2.4	324	6	US-10-858-730-120	Sequence 120, App
394	5	2.4	282	7	US-11-087-284-85	Sequence 85, Appl	467	5	2.4	324	6	US-10-467-657-7692	Sequence 7692, Ap
395	5	2.4	285	7	US-11-082-389-324	Sequence 324, App	468	5	2.4	324	6	US-10-467-657-8440	Sequence 8440, Ap
396	5	2.4	285	7	US-11-074-176-206	Sequence 206, App	469	5	2.4	325	7	US-11-102-240-64	Sequence 64, Appl
397	5	2.4	286	6	US-10-793-626-2192	Sequence 2192, Ap	470	5	2.4	327	6	US-10-467-962B-107	Sequence 107, App
398	5	2.4	288	6	US-10-821-234-1617	Sequence 1617, Ap	471	5	2.4	327	7	US-11-165-211-52	Sequence 52, Appl
399	5	2.4	288	6	US-10-453-372-420	Sequence 420, App	472	5	2.4	327	7	US-11-165-226-62	Sequence 62, Appl
400	5	2.4	288	6	US-10-453-372-430	Sequence 430, App	473	5	2.4	328	6	US-10-512-184-63	Sequence 63, Appl
401	5	2.4	288	6	US-10-453-372-432	Sequence 432, App	474	5	2.4	328	6	US-10-821-234-1671	Sequence 1671, Ap
402	5	2.4	288	7	US-11-037-243-115	Sequence 115, App	475	5	2.4	328	7	US-11-037-243-91	Sequence 91, Appl
403	5	2.4	288	7	US-11-149-462-8	Sequence 8, Appl	476	5	2.4	329	6	US-10-512-184-68	Sequence 68, Appl
404	5	2.4	291	6	US-10-527-500-43	Sequence 43, Appl	477	5	2.4	329	6	US-10-512-184-70	Sequence 70, Appl
405	5	2.4	291	7	US-11-065-943-50	Sequence 50, Appl	478	5	2.4	330	6	US-10-793-626-1086	Sequence 1086, Ap
406	5	2.4	292	6	US-10-965-972-6	Sequence 6, Appl	479	5	2.4	330	6	US-10-453-372-516	Sequence 516, App
407	5	2.4	293	6	US-10-467-657-1546	Sequence 1546, Ap	480	5	2.4	330	6	US-11-085-812-2	Sequence 2, Appl
408	5	2.4	293	6	US-10-878-556A-153	Sequence 153, App	481	5	2.4	331	6	US-10-432-483-25	Sequence 25, Appl
409	5	2.4	293	6	US-10-527-500-77	Sequence 77, Appl	482	5	2.4	331	6	US-10-453-372-508	Sequence 508, App
410	5	2.4	294	6	US-10-793-626-2346	Sequence 2346, Ap	483	5	2.4	333	6	US-10-131-826A-132	Sequence 132, App
411	5	2.4	294	6	US-10-467-657-934	Sequence 934, App	484	5	2.4	333	6	US-10-467-657-6450	Sequence 6450, Ap
412	5	2.4	294	6	US-10-467-657-7686	Sequence 7686, Ap	485	5	2.4	333	6	US-10-873-528-43	Sequence 43, Appl
413	5	2.4	295	6	US-10-508-263-50	Sequence 50, Appl	486	5	2.4	334	6	US-10-802-796-728	Sequence 728, App
414	5	2.4	295	7	US-11-067-121-2	Sequence 2, Appl	487	5	2.4	334	6	US-10-858-730-114	Sequence 114, App
415	5	2.4	295	7	US-11-113-424-34	Sequence 34, Appl	488	5	2.4	334	6	US-10-858-730-121	Sequence 121, App
416	5	2.4	296	7	US-11-087-227-10	Sequence 10, Appl	489	5	2.4	334	6	US-10-525-674-30	Sequence 30, Appl
417	5	2.4	297	6	US-10-386-16	Sequence 16, Appl	490	5	2.4	335	6	US-10-453-372-426	Sequence 426, App
418	5	2.4	297	6	US-10-878-556A-119	Sequence 119, App	491	5	2.4	335	6	US-10-453-372-428	Sequence 428, App
419	5	2.4	297	7	US-11-055-822-922	Sequence 922, App	492	5	2.4	335	6	US-10-453-372-512	Sequence 512, App
420	5	2.4	298	6	US-10-467-657-2850	Sequence 2850, App	493	5	2.4	336	6	US-10-995-793-2	Sequence 2, Appl
421	5	2.4	298	6	US-10-467-657-6750	Sequence 6750, Ap	494	5	2.4	336	6	US-10-980-388-120	Sequence 120, App
422	5	2.4	298	7	US-11-085-812-4	Sequence 4, Appl	495	5	2.4	336	6	US-10-453-372-510	Sequence 510, App
423	5	2.4	300	6	US-10-667-295-117	Sequence 117, App	496	5	2.4	336	7	US-11-055-822-1038	Sequence 1038, Ap
424	5	2.4	301	6	US-10-131-826A-176	Sequence 176, App	497	5	2.4	336	7	US-11-205-109-4	Sequence 4, Appl
425	5	2.4	302	6	US-10-667-295-116	Sequence 116, App	498	5	2.4	339	6	US-10-467-657-4318	Sequence 4318, Ap
426	5	2.4	302	7	US-11-126-427-26	Sequence 26, Appl	499	5	2.4	340	6	US-11-055-822-270	Sequence 270, App
427	5	2.4	304	6	US-10-793-626-1472	Sequence 1472, Ap	500	5	2.4	341	6	US-10-454-437-176	Sequence 176, App
428	5	2.4	306	6	US-10-995-561-894	Sequence 894, App	501	5	2.4	341	6	US-10-454-437-244	Sequence 244, App
429	5	2.4	306	7	US-11-032-787-7	Sequence 7, Appl	502	5	2.4	342	6	US-10-793-626-2854	Sequence 2854, Ap
430	5	2.4	306	7	US-11-165-226-131	Sequence 131, App	503	5	2.4	343	6	US-10-131-826A-162	Sequence 162, App
431	5	2.4	307	6	US-10-793-626-2668	Sequence 2668, Ap	504	5	2.4	343	6	US-10-467-657-5758	Sequence 5758, Ap
432	5	2.4	308	6	US-10-967-537A-30	Sequence 30, Appl	505	5	2.4	343	6	US-10-161-408-31	Sequence 31, Appl
433	5	2.4	308	6	US-10-467-657-1350	Sequence 1350, Ap	506	5	2.4	343	6	US-10-453-372-1122	Sequence 1122, Ap
434	5	2.4	308	6	US-10-995-561-814	Sequence 814, App	507	5	2.4	343	7	US-11-074-176-160	Sequence 160, App
435	5	2.4	309	7	US-11-109-156-24	Sequence 24, Appl	508	5	2.4	344	6	US-10-467-657-5036	Sequence 5036, Ap
436	5	2.4	309	7	US-11-109-156-39	Sequence 39, Appl	509	5	2.4	344	6	US-10-606-302-20	Sequence 20, Appl
437	5	2.4	309	7	US-11-165-160-2	Sequence 2, Appl	510	5	2.4	344	6	US-10-606-302-20	Sequence 106, App
438	5	2.4	310	6	US-10-467-657-7412	Sequence 7412, Ap	511	5	2.4	344	7	US-11-085-822-106	Sequence 106, App
439	5	2.4	310	6	US-10-454-437-328	Sequence 328, App	512	5	2.4	344	7	US-11-108-172-1085	Sequence 1085, Ap
440	5	2.4	310	7	US-11-092-168-9	Sequence 9, Appl	513	5	2.4	346	6	US-10-967-648A-10	Sequence 10, Appl
441	5	2.4	311	7	US-11-055-822-246	Sequence 246, App	514	5	2.4	346	6	US-10-793-626-2034	Sequence 2034, Ap
442	5	2.4	312	7	US-11-055-822-16	Sequence 16, Appl	515	5	2.4	346	6	US-10-517-939-62	Sequence 62, Appl
443	5	2.4	314	6	US-10-689-742-116	Sequence 116, App	516	5	2.4	346	6	US-10-517-939-170	Sequence 170, App
444	5	2.4	314	6	US-10-995-793-73	Sequence 73, Appl	517	5	2.4	347	6	US-10-821-234-1136	Sequence 1136, Ap
445	5	2.4	314	6	US-10-995-793-74	Sequence 74, Appl	518	5	2.4	347	6	US-10-517-939-222	Sequence 222, App
446	5	2.4	314	7	US-11-018-018-4	Sequence 4, Appl	519	5	2.4	349	6	US-10-555-877-169	Sequence 169, App
447	5	2.4	314	7	US-11-047-757-4	Sequence 4, Appl	520	5	2.4	349	6	US-10-555-877-170	Sequence 170, App
448	5	2.4	315	6	US-10-454-437-220	Sequence 220, App	521	5	2.4	349	6	US-10-555-877-171	Sequence 171, App
449	5	2.4	316	6	US-10-667-295-111	Sequence 111, App	522	5	2.4	350	7	US-11-102-240-8	Sequence 8, Appl
450	5	2.4	316	7	US-11-092-168-10	Sequence 10, Appl	523	5	2.4	350	7	US-11-165-024-3	Sequence 3, Appl
451	5	2.4	318	6	US-10-802-796-727	Sequence 727, App	524	5	2.4	352	7	US-11-191-072-4	Sequence 4, Appl
452	5	2.4	318	6	US-10-467-657-7760	Sequence 7760, Ap	525	5	2.4	353	7	US-11-137-465-44	Sequence 44, Appl
453	5	2.4	319	6	US-10-454-437-96	Sequence 96, Appl	526	5	2.4	353	7	US-11-147-606-2	Sequence 2, Appl
454	5	2.4	319	6	US-11-184-005-8	Sequence 8, Appl	527	5	2.4	355	6	US-10-821-234-1578	Sequence 1578, Ap
455	5	2.4	320	6	US-10-858-730-111	Sequence 111, App	528	5	2.4	355	6	US-10-467-657-7628	Sequence 7628, Ap
456	5	2.4	321	6	US-10-793-626-1526	Sequence 1526, Ap	529	5	2.4	355	6	US-11-055-822-162	Sequence 162, App
457	5	2.4	321	6	US-10-467-657-2504	Sequence 2504, Ap	530	5	2.4	355	7	US-11-108-528-16	Sequence 16, Appl
458	5	2.4	321	7	US-11-092-140-12	Sequence 12, Appl	531	5	2.4	355	7	US-11-108-528-18	Sequence 18, Appl
459	5	2.4	321	7	US-11-212-443-10	Sequence 10, Appl	532	5	2.4	356	6	US-10-467-657-4966	Sequence 4966, Ap
460	5	2.4	321	7	US-11-212-443-12	Sequence 12, Appl	533	5	2.4	357	6	US-10-517-939-100	Sequence 100, App
461	5	2.4	322	6	US-10-467-657-1006	Sequence 1006, Ap	534	5	2.4	358	7	US-11-127-877-47	Sequence 47, Appl
462	5	2.4	322	6	US-10-454-437-218	Sequence 218, App	535	5	2.4	359	6	US-10-821-234-1396	Sequence 1396, Ap
463	5	2.4	322	6	US-10-524-647-18	Sequence 18, Appl	536	5	2.4	359	6	US-10-995-561-577	Sequence 577, App

537	5	2.4	359	7	US-11-087-227-8	Sequence 8, Appli	610	5	2.4	402	7	US-11-052-554A-184	Sequence 184, App
538	5	2.4	359	7	US-11-192-450-6	Sequence 6, Appli	611	5	2.4	403	7	US-11-192-450-4	Sequence 4, Appli
539	5	2.4	360	6	US-10-858-730-110	Sequence 110, App	612	5	2.4	403	7	US-11-205-109-23	Sequence 23, Appl
540	5	2.4	360	6	US-10-467-657-1196	Sequence 1196, Ap	613	5	2.4	403	7	US-11-009-658-14	Sequence 14, Appl
541	5	2.4	361	6	US-10-467-657-7946	Sequence 7946, Ap	614	5	2.4	404	7	US-11-087-227-6	Sequence 6, Appli
542	5	2.4	361	6	US-10-995-561-612	Sequence 612, App	615	5	2.4	404	7	US-11-192-450-3	Sequence 3, Appli
543	5	2.4	361	6	US-11-052-554A-169	Sequence 169, App	616	5	2.4	406	6	US-10-821-234-1113	Sequence 1113, Ap
544	5	2.4	361	6	US-10-467-657-2176	Sequence 2176, Ap	617	5	2.4	406	7	US-11-107-028-7	Sequence 7, Appli
545	5	2.4	364	6	US-10-995-561-783	Sequence 783, App	618	5	2.4	406	7	US-11-195-968-12	Sequence 12, Appl
546	5	2.4	365	6	US-10-821-234-1623	Sequence 1623, Ap	619	5	2.4	407	6	US-10-995-561-811	Sequence 811, App
547	5	2.4	365	6	US-10-770-726-69	Sequence 69, Appl	620	5	2.4	408	6	US-10-821-234-1100	Sequence 1100, App
548	5	2.4	365	6	US-10-995-561-545	Sequence 545, App	621	5	2.4	408	6	US-10-508-263-121	Sequence 121, App
549	5	2.4	365	7	US-11-052-554A-223	Sequence 223, App	622	5	2.4	408	6	US-10-763-712A-67	Sequence 67, Appl
550	5	2.4	366	6	US-10-467-657-2544	Sequence 2544, Ap	623	5	2.4	408	7	US-11-150-845-12	Sequence 12, Appl
551	5	2.4	367	6	US-10-821-234-985	Sequence 985, App	624	5	2.4	409	6	US-10-793-626-2002	Sequence 2002, Ap
552	5	2.4	368	7	US-11-085-775-3	Sequence 3, Appli	625	5	2.4	410	6	US-10-793-626-2306	Sequence 2306, Ap
553	5	2.4	370	6	US-10-793-626-696	Sequence 696, App	626	5	2.4	411	6	US-10-467-657-3024	Sequence 3024, Ap
554	5	2.4	370	6	US-10-793-626-1328	Sequence 1328, Ap	627	5	2.4	412	6	US-11-092-168-8	Sequence 8, Appli
555	5	2.4	371	6	US-10-467-657-534	Sequence 534, App	628	5	2.4	412	6	US-10-453-372-988	Sequence 988, App
556	5	2.4	372	6	US-10-467-657-2318	Sequence 2318, Ap	629	5	2.4	416	6	US-10-793-626-806	Sequence 806, App
557	5	2.4	372	6	US-10-517-939-22	Sequence 22, Appl	630	5	2.4	416	7	US-11-016-706-38	Sequence 38, Appl
558	5	2.4	373	6	US-10-131-826A-388	Sequence 388, App	631	5	2.4	417	6	US-10-467-657-6612	Sequence 6612, Ap
559	5	2.4	373	6	US-10-453-372-976	Sequence 976, App	632	5	2.4	418	6	US-10-312-954-4	Sequence 4, Appli
560	5	2.4	374	6	US-10-467-657-3420	Sequence 3420, Ap	633	5	2.4	418	7	US-11-196-919-2	Sequence 2, Appli
561	5	2.4	374	7	US-11-129-143-112	Sequence 112, App	634	5	2.4	419	7	US-11-174-150-40	Sequence 40, Appl
562	5	2.4	376	6	US-10-485-517-218	Sequence 218, App	635	5	2.4	421	6	US-10-454-437-200	Sequence 2, Appli
563	5	2.4	377	7	US-11-121-731A-3	Sequence 3, Appli	636	5	2.4	421	6	US-10-501-098-2	Sequence 2, Appli
564	5	2.4	378	6	US-10-131-826A-420	Sequence 420, App	637	5	2.4	421	6	US-10-453-372-972	Sequence 972, App
565	5	2.4	378	7	US-11-069-642-24	Sequence 24, Appl	638	5	2.4	421	6	US-10-453-372-994	Sequence 994, App
566	5	2.4	378	7	US/11/185	Sequence 12, Appl	639	5	2.4	421	6	US-11-055-832-366	Sequence 366, App
567	5	2.4	379	6	US-10-858-730-22	Sequence 22, Appl	640	5	2.4	421	7	US-11-214-159-14	Sequence 14, Appl
568	5	2.4	379	6	US-10-467-657-1588	Sequence 1588, Ap	641	5	2.4	422	6	US-10-821-234-1313	Sequence 1313, Ap
569	5	2.4	379	6	US-10-525-674-6	Sequence 6, Appli	642	5	2.4	422	6	US-10-524-647-122	Sequence 122, App
570	5	2.4	380	6	US-10-821-234-1459	Sequence 1459, Ap	643	5	2.4	422	7	US-11-135-855-33	Sequence 33, Appl
571	5	2.4	380	6	US-10-467-657-7258	Sequence 7258, Ap	644	5	2.4	422	7	US-11-186-284-75	Sequence 75, Appl
572	5	2.4	380	6	US-10-989-313-4	Sequence 4, Appli	645	5	2.4	423	6	US-10-883-512-76	Sequence 76, Appl
573	5	2.4	380	7	US-11-185-230-2	Sequence 2, Appli	646	5	2.4	424	6	US-10-485-517-405	Sequence 405, App
574	5	2.4	381	6	US-10-858-730-101	Sequence 101, App	647	5	2.4	425	6	US-10-995-561-616	Sequence 616, App
575	5	2.4	381	6	US-10-467-657-2524	Sequence 2254, Ap	648	5	2.4	426	6	US-10-467-657-2120	Sequence 2120, Ap
576	5	2.4	382	6	US-10-858-730-23	Sequence 23, Appl	649	5	2.4	426	6	US-10-525-710-28	Sequence 28, Appl
577	5	2.4	382	6	US-10-525-674-4	Sequence 4, Appli	650	5	2.4	426	6	US-10-453-372-974	Sequence 974, App
578	5	2.4	382	7	US-11-134-795-19	Sequence 19, Appl	651	5	2.4	427	6	US-10-454-437-96	Sequence 96, Appl
579	5	2.4	383	6	US-10-392-234A-6	Sequence 6, Appli	652	5	2.4	428	6	US-10-131-826A-292	Sequence 292, App
580	5	2.4	383	6	US-10-467-657-4118	Sequence 4118, Ap	653	5	2.4	428	6	US-10-821-234-997	Sequence 997, App
581	5	2.4	383	7	US-11-092-168-7	Sequence 7, Appli	654	5	2.4	429	6	US-10-858-730-79	Sequence 79, Appl
582	5	2.4	384	6	US-10-995-561-518	Sequence 518, App	655	5	2.4	429	6	US-10-467-657-1628	Sequence 1628, Ap
583	5	2.4	386	6	US-10-497-135-20	Sequence 20, Appl	656	5	2.4	431	6	US-10-525-674-26	Sequence 26, Appl
584	5	2.4	388	6	US-11-082-389-220	Sequence 19, Appl	657	5	2.4	431	7	US-11-150-533-43	Sequence 43, Appl
585	5	2.4	388	7	US-11-082-389-220	Sequence 220, App	658	5	2.4	432	7	US-11-084-624-20	Sequence 20, Appl
586	5	2.4	389	6	US-11-186-284-169	Sequence 169, App	659	5	2.4	432	7	US-11-133-444-186	Sequence 186, App
587	5	2.4	389	6	US-10-467-657-3750	Sequence 3750, Ap	660	5	2.4	432	7	US-11-000-463-365	Sequence 365, App
588	5	2.4	389	7	US-11-108-528-68	Sequence 68, Appl	661	5	2.4	432	7	US-11-150-533-3	Sequence 3, Appli
589	5	2.4	389	7	US-10-995-561-614	Sequence 614, App	662	5	2.4	433	6	US-11-092-168-6	Sequence 6, Appli
590	5	2.4	392	6	US-10-467-657-7586	Sequence 7586, Ap	663	5	2.4	434	6	US-10-821-234-1680	Sequence 1680, Ap
591	5	2.4	394	6	US-10-392-234A-46	Sequence 46, Appl	664	5	2.4	434	7	US-11-052-554A-167	Sequence 167, App
592	5	2.4	395	6	US-10-821-234-1826	Sequence 1826, Ap	665	5	2.4	436	6	US-10-467-657-7728	Sequence 7728, Ap
593	5	2.4	395	6	US-10-995-561-614	Sequence 614, App	666	5	2.4	436	6	US-11-082-389-256	Sequence 256, App
594	5	2.4	395	7	US-11-075-185-13	Sequence 13, Appl	667	5	2.4	437	6	US-11-174-150-39	Sequence 39, Appl
595	5	2.4	395	7	US-11-084-220-2	Sequence 2, Appli	668	5	2.4	437	6	US-10-131-826A-466	Sequence 466, App
596	5	2.4	396	7	US-11-120-308-172	Sequence 172, App	669	5	2.4	437	7	US-11-073-626-3	Sequence 3, Appli
597	5	2.4	397	6	US-10-793-626-1244	Sequence 1244, Ap	670	5	2.4	438	7	US-11-067-121-19	Sequence 19, Appl
598	5	2.4	398	6	US-10-467-657-5782	Sequence 5782, Ap	671	5	2.4	438	7	US-11-090-439-29	Sequence 29, Appl
599	5	2.4	398	7	US-11-150-845-10	Sequence 10, Appl	672	5	2.4	438	7	US-11-090-439-31	Sequence 31, Appl
600	5	2.4	399	6	US-10-650-326B-23	Sequence 23, Appl	673	5	2.4	438	7	US-11-186-541-2	Sequence 2, Appli
601	5	2.4	399	7	US-11-051-568-27	Sequence 27, Appl	674	5	2.4	439	6	US-10-793-626-2408	Sequence 2408, Ap
602	5	2.4	400	6	US-10-793-626-3116	Sequence 3116, Ap	675	5	2.4	439	7	US-11-198-819-12	Sequence 12, Appl
603	5	2.4	401	7	US-10-878-556A-179	Sequence 179, App	676	5	2.4	440	7	US-11-082-389-106	Sequence 106, App
604	5	2.4	401	7	US-11-097-749-3	Sequence 3, Appli	677	5	2.4	441	6	US-10-995-561-638	Sequence 638, App
605	5	2.4	401	7	US-11-052-554A-66	Sequence 66, Appl	678	5	2.4	441	6	US-10-995-561-639	Sequence 639, App
606	5	2.4	402	6	US-10-858-730-30	Sequence 30, Appl	679	5	2.4	441	7	US-11-108-519-14	Sequence 14, Appl
607	5	2.4	402	6	US-10-650-326B-21	Sequence 21, Appl	680	5	2.4	442	6	US-10-873-528-121	Sequence 121, App
608	5	2.4	402	7	US-11-051-568-29	Sequence 29, Appl	681	5	2.4	444	6	US-10-467-657-3076	Sequence 3076, Ap
609	5	2.4	402	7	US-11-084-624-22	Sequence 22, Appl	682	5	2.4	444	7	US-11-205-109-7	Sequence 7, Appli

683	5	2.4	445	6	US-10-067-974-12	Sequence 12, Appl	756	5	2.4	505	7	US-11-150-845-4	Sequence 4, Appl
684	5	2.4	445	6	US-10-453-372-2	Sequence 2, Appl	757	5	2.4	506	6	US-10-467-657-2088	Sequence 2088, Ap
685	5	2.4	446	7	US-11-108-172-1121	Sequence 1121, Ap	758	5	2.4	506	6	US-10-501-098-3	Sequence 3, Appl
686	5	2.4	446	7	US-11-113-882-19	Sequence 19, Appl	759	5	2.4	506	6	US-10-873-528-80	Sequence 80, Appl
687	5	2.4	448	6	US-10-618-320A-25	Sequence 25, Appl	760	5	2.4	509	7	US-11-124-327-2	Sequence 2, Appl
688	5	2.4	448	7	US-11-137-465-45	Sequence 45, Appl	761	5	2.4	511	6	US-10-524-647-106	Sequence 106, App
689	5	2.4	449	6	US-10-821-234-1089	Sequence 1089, Ap	762	5	2.4	511	7	US-11-012-762-48	Sequence 48, Appl
690	5	2.4	449	7	US-11-120-308-176	Sequence 176, App	763	5	2.4	511	7	US-11-152-747-4	Sequence 4, Appl
691	5	2.4	450	6	US-10-618-320A-26	Sequence 26, Appl	764	5	2.4	513	6	US-10-485-517-160	Sequence 160, App
692	5	2.4	450	6	US-10-995-561-815	Sequence 815, App	765	5	2.4	513	6	US-10-878-556A-112	Sequence 112, App
693	5	2.4	450	7	US-11-052-554A-373	Sequence 373, App	766	5	2.4	513	7	US-11-149-349-6	Sequence 6, Appl
694	5	2.4	451	6	US-10-508-263-68	Sequence 68, Appl	767	5	2.4	513	6	US-11-210-316-20	Sequence 20, Appl
695	5	2.4	451	6	US-10-508-263-70	Sequence 70, Appl	768	5	2.4	515	7	US-10-467-657-1288	Sequence 1288, Ap
696	5	2.4	453	7	US-11-052-554A-224	Sequence 224, App	769	5	2.4	515	7	US-11-132-142-8	Sequence 8, Appl
697	5	2.4	456	6	US-10-763-712A-66	Sequence 66, Appl	770	5	2.4	516	6	US-10-995-561-559	Sequence 559, App
698	5	2.4	456	6	US-10-860-501-5	Sequence 5, Appl	771	5	2.4	517	6	US-10-055-877-304	Sequence 304, App
699	5	2.4	457	6	US-10-982-545-8	Sequence 8, Appl	772	5	2.4	518	6	US-10-467-657-1124	Sequence 1124, Ap
700	5	2.4	457	6	US-10-982-545-13	Sequence 13, Appl	773	5	2.4	519	7	US-11-099-691-10	Sequence 10, Appl
701	5	2.4	457	7	US-11-102-240-12	Sequence 12, Appl	774	5	2.4	520	7	US-11-052-554A-98	Sequence 98, Appl
702	5	2.4	457	7	US-11-120-308-194	Sequence 194, App	775	5	2.4	522	6	US-10-131-826A-450	Sequence 450, App
703	5	2.4	458	6	US-10-618-320A-1	Sequence 1, Appl	776	5	2.4	522	6	US-10-467-657-7238	Sequence 7238, Ap
704	5	2.4	458	6	US-10-454-437-340	Sequence 340, App	777	5	2.4	523	6	US-10-453-372-1006	Sequence 1006, Ap
705	5	2.4	459	7	US-11-055-822-46	Sequence 46, Appl	778	5	2.4	523	6	US-10-453-372-1008	Sequence 1008, Ap
706	5	2.4	459	7	US-11-113-882-23	Sequence 23, Appl	779	5	2.4	524	6	US-10-878-556A-152	Sequence 152, App
707	5	2.4	461	6	US-10-878-556A-162	Sequence 162, App	780	5	2.4	525	7	US-11-082-389-36	Sequence 36, Appl
708	5	2.4	461	7	US-11-082-389-176	Sequence 176, App	781	5	2.4	525	7	US-11-112-882-27	Sequence 27, Appl
709	5	2.4	462	7	US-11-082-389-412	Sequence 412, App	782	5	2.4	527	6	US-10-705-633-1	Sequence 1, Appl
710	5	2.4	462	6	US-10-467-657-4228	Sequence 4228, Ap	783	5	2.4	527	6	US-10-705-633-2	Sequence 2, Appl
711	5	2.4	463	7	US-11-052-554A-261	Sequence 261, App	784	5	2.4	527	6	US-11-120-543-18	Sequence 3, Appl
712	5	2.4	464	6	US-10-467-657-4918	Sequence 4918, Ap	785	5	2.4	527	7	US-11-052-554A-96	Sequence 18, Appl
713	5	2.4	466	6	US-10-517-939-276	Sequence 276, App	786	5	2.4	528	6	US-10-858-730-88	Sequence 86, Appl
714	5	2.4	466	7	US-11-052-554A-22	Sequence 22, Appl	787	5	2.4	528	6	US-10-858-730-89	Sequence 89, Appl
715	5	2.4	468	7	US-11-054-385-12	Sequence 12, Appl	788	5	2.4	528	6	US-10-864-758-7	Sequence 7, Appl
716	5	2.4	473	6	US-10-467-657-298	Sequence 298, App	789	5	2.4	529	6	US-10-632-150-44	Sequence 44, Appl
717	5	2.4	473	6	US-10-467-657-6328	Sequence 6328, Ap	790	5	2.4	529	7	US-11-073-457-44	Sequence 44, Appl
718	5	2.4	476	7	US-11-143-980-44	Sequence 44, Appl	791	5	2.4	529	7	US-11-073-460-44	Sequence 44, Appl
719	5	2.4	481	6	US-10-467-657-6784	Sequence 6784, Ap	792	5	2.4	529	7	US-11-186-541-1	Sequence 1, Appl
720	5	2.4	481	7	US-11-116-939-14	Sequence 14, Appl	793	5	2.4	529	7	US-11-210-316-28	Sequence 28, Appl
721	5	2.4	482	6	US-10-689-742-66	Sequence 66, Appl	794	5	2.4	529	7	US-11-037-243-62	Sequence 62, Appl
722	5	2.4	482	6	US-10-995-561-560	Sequence 560, App	795	5	2.4	530	6	US-10-467-657-3804	Sequence 3804, Ap
723	5	2.4	483	7	US-11-137-465-40	Sequence 40, Appl	796	5	2.4	530	6	US-10-055-877-313	Sequence 313, App
724	5	2.4	484	6	US-10-467-657-6816	Sequence 6816, Ap	797	5	2.4	530	6	US-10-055-877-314	Sequence 314, App
725	5	2.4	485	6	US-10-453-372-990	Sequence 990, App	798	5	2.4	530	6	US-10-055-877-315	Sequence 315, App
726	5	2.4	486	7	US-11-082-389-432	Sequence 432, App	799	5	2.4	530	6	US-10-055-877-316	Sequence 316, App
727	5	2.4	486	7	US-11-000-463-273	Sequence 273, App	800	5	2.4	530	6	US-10-453-372-566	Sequence 566, App
728	5	2.4	487	6	US-10-131-826A-528	Sequence 528, App	801	5	2.4	531	6	US-10-060-914-4	Sequence 4, Appl
729	5	2.4	488	6	US-10-984-376-1	Sequence 1, Appl	802	5	2.4	531	7	US-11-124-368A-335	Sequence 335, App
730	5	2.4	488	6	US-10-984-376-4	Sequence 4, Appl	803	5	2.4	533	6	US-10-646-283-2	Sequence 2, Appl
731	5	2.4	488	6	US-10-821-234-877	Sequence 877, App	804	5	2.4	533	6	US-10-995-561-610	Sequence 610, App
732	5	2.4	488	6	US-10-055-877-231	Sequence 231, App	805	5	2.4	535	6	US-10-995-561-610	Sequence 490, App
733	5	2.4	491	6	US-10-793-626-2808	Sequence 2808, Ap	806	5	2.4	536	6	US-10-453-372-6	Sequence 6, Appl
734	5	2.4	491	7	US-11-205-109-21	Sequence 21, Appl	807	5	2.4	536	6	US-10-453-372-22	Sequence 22, Appl
735	5	2.4	493	6	US-10-995-561-611	Sequence 611, App	808	5	2.4	536	6	US-10-453-372-24	Sequence 24, Appl
736	5	2.4	494	6	US-10-971-560-7	Sequence 7, Appl	809	5	2.4	536	6	US-10-453-372-26	Sequence 26, Appl
737	5	2.4	494	7	US-11-143-980-54	Sequence 54, Appl	810	5	2.4	536	6	US-10-453-372-28	Sequence 28, Appl
738	5	2.4	497	6	US-10-454-437-410	Sequence 410, App	811	5	2.4	536	6	US-10-453-372-30	Sequence 30, Appl
739	5	2.4	497	7	US-11-165-226-129	Sequence 129, App	812	5	2.4	536	6	US-10-454-437-46	Sequence 46, Appl
740	5	2.4	498	7	US-11-037-829A-3	Sequence 3, Appl	813	5	2.4	537	6	US-11-167-856-20	Sequence 20, Appl
741	5	2.4	498	7	US-11-122-144-18	Sequence 18, Appl	814	5	2.4	538	7	US-10-793-626-888	Sequence 888, App
742	5	2.4	499	6	US-10-508-263-94	Sequence 94, Appl	815	5	2.4	539	6	US-10-858-730-293	Sequence 293, App
743	5	2.4	499	6	US-10-517-939-328	Sequence 328, App	816	5	2.4	540	6	US-10-995-561-519	Sequence 519, App
744	5	2.4	500	6	US-10-467-657-594	Sequence 594, App	817	5	2.4	541	6	US-10-995-561-521	Sequence 521, App
745	5	2.4	500	6	US-10-860-501-4	Sequence 4, Appl	818	5	2.4	541	7	US-11-118-855-26	Sequence 26, Appl
746	5	2.4	501	6	US-10-453-372-986	Sequence 986, App	819	5	2.4	541	7	US-11-118-855-26	Sequence 10, Appl
747	5	2.4	501	6	US-11-134-563-8	Sequence 8, Appl	820	5	2.4	542	6	US-10-453-372-10	Sequence 582, App
748	5	2.4	502	7	US-10-763-712A-68	Sequence 68, Appl	821	5	2.4	542	6	US-10-453-372-588	Sequence 588, App
749	5	2.4	502	7	US-11-122-795-14	Sequence 14, Appl	822	5	2.4	542	6	US-10-453-372-590	Sequence 590, App
750	5	2.4	502	7	US-11-150-845-2	Sequence 2, Appl	823	5	2.4	542	6	US-10-517-939-262	Sequence 262, App
751	5	2.4	503	6	US-10-878-556A-2	Sequence 2, Appl	824	5	2.4	542	6	US-10-689-742-78	Sequence 78, Appl
752	5	2.4	504	7	US-11-055-822-136	Sequence 136, App	825	5	2.4	543	6	US-10-821-234-1158	Sequence 1158, Ap
753	5	2.4	504	7	US-11-186-541-3	Sequence 3, Appl	826	5	2.4	543	6	US-10-821-234-1531	Sequence 1531, Ap
754	5	2.4	505	7	US-11-063-343-38	Sequence 38, Appl	827	5	2.4	543	6	US-11-082-389-34	Sequence 34, Appl
755	5	2.4	505	7	US-11-134-563-6	Sequence 6, Appl	828	5	2.4	545	7		

829	5	2.4	545	7	US-11-065-943-97	Sequence 97, Appl	902	5	2.4	609	6	US-10-821-234-1611	Sequence 1611, Ap
830	5	2.4	547	7	US-11-134-563-14	Sequence 14, Appl	903	5	2.4	609	7	US-11-150-845-20	Sequence 20, Appl
831	5	2.4	548	6	US-10-467-657-7704	Sequence 7704, Ap	904	5	2.4	612	6	US-10-453-372-1156	Sequence 1156, Ap
832	5	2.4	548	6	US-10-995-561-810	Sequence 810, App	905	5	2.4	613	6	US-10-131-826A-190	Sequence 190, App
833	5	2.4	548	6	US-10-055-877-320	Sequence 320, App	906	5	2.4	614	7	US-11-074-176-80	Sequence 80, Appl
834	5	2.4	548	7	US-11-137-465-47	Sequence 47, Appl	907	5	2.4	615	6	US-10-524-647-1134	Sequence 134, App
835	5	2.4	548	7	US-11-052-554A-324	Sequence 324, App	908	5	2.4	615	7	US-11-136-244-13	Sequence 13, Appl
836	5	2.4	549	6	US-10-467-657-4612	Sequence 4612, Ap	909	5	2.4	617	6	US-10-982-545-2	Sequence 2, Appl
837	5	2.4	549	6	US-10-467-657-7190	Sequence 7190, Ap	910	5	2.4	617	7	US-11-143-980-35	Sequence 35, Appl
838	5	2.4	549	6	US-10-995-561-909	Sequence 909, App	911	5	2.4	618	6	US-10-821-234-1481	Sequence 1481, Ap
839	5	2.4	549	6	US-10-453-372-574	Sequence 574, App	912	5	2.4	618	7	US-11-078-735-18	Sequence 18, Appl
840	5	2.4	549	7	US-11-210-316-30	Sequence 30, Appl	913	5	2.4	618	7	US-11-050-346-63	Sequence 63, Appl
841	5	2.4	552	6	US-10-453-372-14	Sequence 14, Appl	914	5	2.4	618	7	US-11-103-077-18	Sequence 18, Appl
842	5	2.4	552	7	US-11-135-855-34	Sequence 34, Appl	915	5	2.4	619	7	US-11-205-109-30	Sequence 30, Appl
843	5	2.4	552	7	US-11-052-554A-168	Sequence 168, App	916	5	2.4	619	7	US-11-205-109-37	Sequence 37, Appl
844	5	2.4	553	7	US-11-205-109-25	Sequence 25, Appl	917	5	2.4	620	6	US-10-467-657-5892	Sequence 5892, Ap
845	5	2.4	556	6	US-10-453-372-584	Sequence 584, App	918	5	2.4	622	7	US-11-070-080-22	Sequence 22, Appl
846	5	2.4	556	7	US-11-037-243-106	Sequence 106, App	919	5	2.4	627	6	US-10-467-657-5432	Sequence 5432, Ap
847	5	2.4	557	6	US-10-467-657-2888	Sequence 2888, Ap	920	5	2.4	629	6	US-10-821-234-1528	Sequence 1528, Ap
848	5	2.4	558	6	US-10-467-657-4258	Sequence 4258, Ap	921	5	2.4	629	6	US-10-453-372-576	Sequence 576, App
849	5	2.4	558	6	US-10-501-098-1	Sequence 1, Appl	922	5	2.4	632	7	US-10-453-372-578	Sequence 578, App
850	5	2.4	558	6	US-10-504-364-3	Sequence 3, Appl	923	5	2.4	632	7	US-11-103-240-40	Sequence 40, Appl
851	5	2.4	558	6	US-10-520-820-9	Sequence 9, Appl	924	5	2.4	637	6	US-10-821-234-961	Sequence 961, App
852	5	2.4	558	7	US-11-078-189-19	Sequence 19, Appl	925	5	2.4	638	7	US-11-150-845-24	Sequence 24, Appl
853	5	2.4	560	7	US-11-080-991-62	Sequence 62, Appl	926	5	2.4	640	6	US-10-467-657-4930	Sequence 4930, Ap
854	5	2.4	562	6	US-10-995-561-561	Sequence 561, App	927	5	2.4	641	6	US-10-821-234-1519	Sequence 1519, Ap
855	5	2.4	566	6	US-11-080-991-100	Sequence 100, App	928	5	2.4	641	6	US-10-491-096-189	Sequence 189, App
856	5	2.4	566	6	US-10-467-657-4020	Sequence 4020, Ap	929	5	2.4	642	6	US-10-131-826A-370	Sequence 370, App
857	5	2.4	567	6	US-10-995-561-813	Sequence 813, App	930	5	2.4	642	6	US-10-454-437-44	Sequence 44, Appl
858	5	2.4	567	7	US-11-127-817-16	Sequence 16, Appl	931	5	2.4	642	6	US-10-453-372-568	Sequence 568, App
859	5	2.4	569	7	US-11-082-389-104	Sequence 104, App	932	5	2.4	643	6	US-10-873-427A-4	Sequence 4, Appl
860	5	2.4	572	6	US-10-467-657-10724	Sequence 7724, Ap	933	5	2.4	646	6	US-10-491-096-190	Sequence 190, App
861	5	2.4	572	6	US-10-454-437-68	Sequence 68, Appl	934	5	2.4	646	6	US-10-995-561-695	Sequence 695, App
862	5	2.4	572	6	US-10-453-372-16	Sequence 16, Appl	935	5	2.4	649	7	US-11-102-240-132	Sequence 132, App
863	5	2.4	574	6	US-10-453-372-978	Sequence 978, App	936	5	2.4	649	7	US-11-150-845-18	Sequence 18, Appl
864	5	2.4	577	6	US-10-453-372-996	Sequence 996, App	937	5	2.4	649	7	US-11-150-845-22	Sequence 22, Appl
865	5	2.4	577	6	US-10-453-372-998	Sequence 998, App	938	5	2.4	651	7	US-11-198-819-22	Sequence 22, Appl
866	5	2.4	578	6	US-10-821-234-1039	Sequence 1039, Ap	939	5	2.4	652	7	US-11-192-801-2	Sequence 2, Appl
867	5	2.4	578	7	US-11-037-243-100	Sequence 100, App	940	5	2.4	652	7	US-11-192-801-4	Sequence 4, Appl
868	5	2.4	579	6	US-10-821-234-874	Sequence 874, App	941	5	2.4	652	7	US-11-192-801-6	Sequence 6, Appl
869	5	2.4	579	6	US-10-453-372-992	Sequence 992, App	942	5	2.4	653	6	US-10-821-234-1286	Sequence 1286, Ap
870	5	2.4	580	6	US-10-453-372-996	Sequence 996, App	943	5	2.4	653	7	US-11-192-801-8	Sequence 8, Appl
871	5	2.4	580	6	US-10-453-372-998	Sequence 998, App	944	5	2.4	653	7	US-11-192-801-10	Sequence 10, Appl
872	5	2.4	581	6	US-10-453-372-982	Sequence 982, App	945	5	2.4	653	7	US-11-192-801-12	Sequence 12, Appl
873	5	2.4	581	6	US-10-453-372-984	Sequence 984, App	946	5	2.4	653	7	US-11-192-801-14	Sequence 14, Appl
874	5	2.4	582	6	US-10-793-626-1080	Sequence 1080, Ap	947	5	2.4	653	7	US-11-192-801-16	Sequence 16, Appl
875	5	2.4	582	7	US-11-205-109-36	Sequence 36, Appl	948	5	2.4	653	7	US-11-192-801-18	Sequence 18, Appl
876	5	2.4	584	6	US-10-454-437-66	Sequence 66, Appl	949	5	2.4	653	7	US-11-192-801-20	Sequence 20, Appl
877	5	2.4	585	6	US-10-467-657-3160	Sequence 3160, Ap	950	5	2.4	653	7	US-11-192-801-22	Sequence 22, Appl
878	5	2.4	588	6	US-10-821-234-1137	Sequence 1137, Ap	951	5	2.4	653	7	US-11-192-801-24	Sequence 24, Appl
879	5	2.4	588	6	US-10-453-372-8	Sequence 8, Appl	952	5	2.4	653	7	US-11-192-801-37	Sequence 37, Appl
880	5	2.4	588	6	US-10-453-372-12	Sequence 12, Appl	953	5	2.4	653	7	US-11-192-801-39	Sequence 39, Appl
881	5	2.4	588	6	US-11-186-284-213	Sequence 213, App	954	5	2.4	654	6	US-10-510-947-6	Sequence 6, Appl
882	5	2.4	589	6	US-10-467-657-4826	Sequence 4826, Ap	955	5	2.4	654	7	US-11-110-011-3	Sequence 3, Appl
883	5	2.4	589	7	US-11-074-176-196	Sequence 196, App	956	5	2.4	655	7	US-11-045-802-29	Sequence 29, Appl
884	5	2.4	590	6	US-10-964-313-14	Sequence 14, Appl	957	5	2.4	655	7	US-11-084-586-10	Sequence 10, Appl
885	5	2.4	592	6	US-10-467-657-35	Sequence 35, App	958	5	2.4	658	6	US-10-821-234-921	Sequence 921, App
886	5	2.4	592	6	US-10-524-647-112	Sequence 112, App	959	5	2.4	659	6	US-10-995-561-573	Sequence 573, App
887	5	2.4	592	7	US-11-104-110-9	Sequence 9, Appl	960	5	2.4	664	6	US-10-055-877-306	Sequence 306, App
888	5	2.4	594	7	US-11-012-762-4	Sequence 4, Appl	961	5	2.4	664	6	US-10-055-877-307	Sequence 307, App
889	5	2.4	596	6	US-10-821-234-1068	Sequence 1068, Ap	962	5	2.4	674	6	US-10-055-877-319	Sequence 319, App
890	5	2.4	596	7	US-11-063-343-28	Sequence 28, Appl	963	5	2.4	675	6	US-10-055-877-117	Sequence 117, App
891	5	2.4	597	6	US-10-055-877-303	Sequence 303, App	964	5	2.4	675	6	US-10-055-877-317	Sequence 317, App
892	5	2.4	597	6	US-10-517-939-348	Sequence 348, App	965	5	2.4	675	6	US-10-055-877-318	Sequence 318, App
893	5	2.4	599	6	US-10-995-561-812	Sequence 812, App	966	5	2.4	675	7	US-11-150-533-12	Sequence 12, Appl
894	5	2.4	600	6	US-10-055-877-103	Sequence 103, App	967	5	2.4	680	6	US-10-467-657-101	Sequence 101, App
895	5	2.4	601	6	US-10-944-272-3	Sequence 3, Appl	968	5	2.4	680	6	US-10-467-657-2008	Sequence 2008, Ap
896	5	2.4	603	6	US-10-793-626-1684	Sequence 1684, Ap	969	5	2.4	681	7	US-11-067-121-9	Sequence 9, Appl
897	5	2.4	604	6	US-10-467-657-2280	Sequence 2280, Ap	970	5	2.4	685	7	US-11-089-551A-2	Sequence 2, Appl
898	5	2.4	604	7	US-11-136-244-12	Sequence 12, Appl	971	5	2.4	686	6	US-10-821-234-1027	Sequence 1027, Ap
899	5	2.4	605	7	US-11-137-465-41	Sequence 41, Appl	972	5	2.4	687	6	US-10-821-234-1197	Sequence 1197, Ap
900	5	2.4	606	7	US-11-184-574-6	Sequence 6, Appl	973	5	2.4	687	6	US-10-467-657-1300	Sequence 1300, Ap
901	5	2.4					974	5	2.4	688	7	US-11-165-226-124	Sequence 124, App

975 5 2.4 688 7 US-11-150-533-10 Sequence 10, Appl  
976 5 2.4 691 6 US-10-467-657-7170 Sequence 7170, Ap  
977 5 2.4 691 6 US-10-995-561-617 Sequence 617, App  
978 5 2.4 692 7 US-11-150-533-2 Sequence 2, Appli  
979 5 2.4 694 7 US-11-078-189-16 Sequence 16, Appli  
980 5 2.4 695 6 US-10-363-924-2 Sequence 2, Appli  
981 5 2.4 696 6 US-10-453-372-324 Sequence 324, App  
982 5 2.4 696 6 US-10-453-372-336 Sequence 336, App  
983 5 2.4 696 6 US-10-453-372-346 Sequence 346, App  
984 5 2.4 696 6 US-10-453-372-354 Sequence 354, App  
985 5 2.4 696 6 US-10-453-372-356 Sequence 356, App  
986 5 2.4 696 6 US-10-453-372-358 Sequence 358, App  
987 5 2.4 696 6 US-10-453-372-360 Sequence 360, App  
988 5 2.4 696 6 US-10-453-372-362 Sequence 362, App  
989 5 2.4 696 6 US-10-453-372-364 Sequence 364, App  
990 5 2.4 696 6 US-10-453-372-366 Sequence 366, App  
991 5 2.4 696 6 US-10-453-372-368 Sequence 368, App  
992 5 2.4 696 6 US-10-995-561-939 Sequence 939, App  
993 5 2.4 698 7 US-11-119-569-2 Sequence 2, Appli  
994 5 2.4 700 6 US-10-453-372-326 Sequence 326, App  
995 5 2.4 700 7 US-11-169-630-5 Sequence 5, Appli  
996 5 2.4 702 6 US-10-510-386-214 Sequence 214, App  
997 5 2.4 703 7 US-11-069-642-113 Sequence 113, App  
998 5 2.4 703 7 US-11-078-189-13 Sequence 13, Appli  
999 5 2.4 703 7 US-11-119-569-19 Sequence 19, Appli  
1000 5 2.4 705 7 US-11-102-240-162 Sequence 162, App

## ALIGNMENTS

RESULT 1  
US-11-147-238-2  
; Sequence 2, Application US/11147238  
; Publication No. US20050266534A1  
; GENERAL INFORMATION:  
; APPLICANT: MOCKEL, Bettina, et al.  
; TITLE OF INVENTION: NUCLEOTIDE SEQUENCES WHICH CODE FOR THE csta GENE  
; FILE REFERENCE: 032301 WD 195  
; CURRENT APPLICATION NUMBER: US/11/147,238  
; CURRENT FILING DATE: 2005-06-08  
; PRIOR APPLICATION NUMBER: US/09/935,799  
; PRIOR FILING DATE: 2002-02-07  
; NUMBER OF SEQ ID NOS: 7  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 2  
; LENGTH: 772  
; TYPE: PRT  
; ORGANISM: Corynebacterium glutamicum  
US-11-147-238-2

Query Match 3.3%; Score 7; DB 7; Length 772;  
Best Local Similarity 100.0%; Pred.No.28;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 67 GTVGGAA 73  
Db 199 GTVGGAA 205  
|||||

RESULT 2  
US-11-147-238-5  
; Sequence 5, Application US/11147238  
; Publication No. US20050266534A1  
; GENERAL INFORMATION:  
; APPLICANT: MOCKEL, Bettina, et al.  
; TITLE OF INVENTION: NUCLEOTIDE SEQUENCES WHICH CODE FOR THE csta GENE  
; FILE REFERENCE: 032301 WD 195  
; CURRENT APPLICATION NUMBER: US/11/147,238  
; CURRENT FILING DATE: 2005-06-08  
; PRIOR APPLICATION NUMBER: US/09/935,799  
; PRIOR FILING DATE: 2002-02-07  
; NUMBER OF SEQ ID NOS: 7

; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 5  
; LENGTH: 772  
; TYPE: PRT  
; ORGANISM: Corynebacterium glutamicum  
US-11-147-238-5  
Query Match 3.3%; Score 7; DB 7; Length 772;  
Best Local Similarity 100.0%; Pred.No.28;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 67 GTVGGAA 73  
Db 199 GTVGGAA 205  
|||||

RESULT 3  
US-10-966-483-44  
; Sequence 44, Application US/10966483  
; Publication No. US20050281783A1  
; GENERAL INFORMATION:  
; APPLICANT: Kinch, Michael S.  
; APPLICANT: Kiener, Peter A.  
; APPLICANT: Bruckheimer, Elizabeth  
; APPLICANT: Dubensky, Jr. Thomas W.  
; APPLICANT: Cook, David N.  
; TITLE OF INVENTION: LISTERIA-BASED EPBA2 VACCINES  
; FILE REFERENCE: 10271-146  
; CURRENT APPLICATION NUMBER: US/10/966,483  
; CURRENT FILING DATE: 2004-10-15  
; PRIOR APPLICATION NUMBER: US 60/511,919  
; PRIOR FILING DATE: 2003-10-15  
; PRIOR APPLICATION NUMBER: US 60/511,719  
; PRIOR FILING DATE: 2003-10-15  
; PRIOR APPLICATION NUMBER: US 60/532,666  
; PRIOR FILING DATE: 2003-12-24  
; PRIOR APPLICATION NUMBER: US 60/556,631  
; PRIOR FILING DATE: 2004-03-26  
; PRIOR APPLICATION NUMBER:  
; PRIOR FILING DATE: 2004-10-01  
; PRIOR APPLICATION NUMBER:  
; PRIOR FILING DATE: 2004-10-07  
; NUMBER OF SEQ ID NOS: 72  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 44  
; LENGTH: 26  
; TYPE: PRT  
; ORGANISM: Listeria monocytogenes  
US-10-966-483-44

Query Match 2.9%; Score 6; DB 6; Length 26;  
Best Local Similarity 100.0%; Pred.No.11;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 54 AQQTEA 59  
Db 19 AQQTEA 24  
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RESULT 4  
US-11-021-441-45  
; Sequence 45, Application US/11021441  
; Publication No. US20050249748A1  
; GENERAL INFORMATION:  
; APPLICANT: DUBENSKY, Thomas W., Jr.  
; APPLICANT: PORTNOY, Daniel A.  
; APPLICANT: LUCKETT, William S., Jr.  
; APPLICANT: COOK, David N.  
; TITLE OF INVENTION: RECOMBINANT NUCLEIC ACID MOLECULES,  
; TITLE OF INVENTION: EXPRESSION CASSETTES, AND BACTERIA, AND METHODS OF USE  
; TITLE OF INVENTION: THEREOF  
; FILE REFERENCE: 282172003900  
; CURRENT APPLICATION NUMBER: US/11/021,441

;; CURRENT FILING DATE: 2004-12-23  
;; PRIOR APPLICATION NUMBER: US 60/616,750  
;; PRIOR FILING DATE: 2004-10-06  
;; PRIOR APPLICATION NUMBER: US 60/615,287  
;; PRIOR FILING DATE: 2004-10-01  
;; PRIOR APPLICATION NUMBER: US 60/599,377  
;; PRIOR FILING DATE: 2004-08-05  
;; PRIOR APPLICATION NUMBER: PCT/US2004/23881  
;; PRIOR FILING DATE: 2004-07-23  
;; PRIOR APPLICATION NUMBER: US 10/883,599  
;; PRIOR FILING DATE: 2004-06-30  
;; PRIOR APPLICATION NUMBER: US 60/556,744  
;; PRIOR FILING DATE: 2004-03-26  
;; NUMBER OF SEQ ID NOS: 129  
;; SOFTWARE: FastSeq for Windows Version 4.0  
;; SEQ ID NO 45  
;; LENGTH: 26  
;; TYPE: PRT  
;; ORGANISM: Listeria monocytogenes  
US-11-021-441-45

Query Match 2.9%; Score 6; DB 7; Length 26;  
Best Local Similarity 100.0%; Pred. No. 11;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 54 AOOTEA 59  
Db 19 AOOTEA 24  
|||||

RESULT 5  
US-11-021-441-109  
;; Sequence 109, Application US/11021441  
;; Publication No. US20050249748A1  
;; GENERAL INFORMATION:  
;; APPLICANT: DUBENSKY, Thomas W., Jr.  
;; APPLICANT: PORTNOY, Daniel A., Jr.  
;; APPLICANT: LUCKETT, William S., Jr.  
;; APPLICANT: COOK, David N.  
;; TITLE OF INVENTION: RECOMBINANT NUCLEIC ACID MOLECULES,  
;; TITLE OF INVENTION: EXPRESSION CASSETTES, AND BACTERIA, AND METHODS OF USE  
;; TITLE OF INVENTION: THEREOF  
;; FILE REFERENCE: 282172003900  
;; CURRENT APPLICATION NUMBER: US/11/021,441  
;; CURRENT FILING DATE: 2004-12-23  
;; PRIOR APPLICATION NUMBER: US 60/616,750  
;; PRIOR FILING DATE: 2004-10-06  
;; PRIOR APPLICATION NUMBER: US 60/615,287  
;; PRIOR FILING DATE: 2004-10-01  
;; PRIOR APPLICATION NUMBER: US 60/599,377  
;; PRIOR FILING DATE: 2004-08-05  
;; PRIOR APPLICATION NUMBER: PCT/US2004/23881  
;; PRIOR FILING DATE: 2004-07-23  
;; PRIOR APPLICATION NUMBER: US 10/883,599  
;; PRIOR FILING DATE: 2004-06-30  
;; PRIOR APPLICATION NUMBER: US 60/556,744  
;; PRIOR FILING DATE: 2004-03-26  
;; NUMBER OF SEQ ID NOS: 129  
;; SOFTWARE: FastSeq for Windows Version 4.0  
;; SEQ ID NO 109  
;; LENGTH: 59  
;; TYPE: PRT  
;; ORGANISM: Listeria monocytogenes  
US-11-021-441-109

Query Match 2.9%; Score 6; DB 7; Length 59;  
Best Local Similarity 100.0%; Pred. No. 24;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 54 AOOTEA 59  
Db 19 AOOTEA 24  
|||||

RESULT 6  
US-10-485-517-147  
;; Sequence 147, Application US/10485517  
;; Publication No. US20050256299A1  
;; GENERAL INFORMATION:  
;; APPLICANT: University of Sheffield  
;; APPLICANT: Biosynexus Incorporated  
;; APPLICANT: Foster, Simon  
;; APPLICANT: Mond, James  
;; TITLE OF INVENTION: Antigenic Polypeptides  
;; FILE REFERENCE: P100629WO  
;; CURRENT APPLICATION NUMBER: US/10/485,517  
;; CURRENT FILING DATE: 2004-02-02  
;; PRIOR APPLICATION NUMBER: GB 0118825.9  
;; PRIOR FILING DATE: 2001-08-02  
;; PRIOR APPLICATION NUMBER: GB 0200349.9  
;; PRIOR FILING DATE: 2002-01-09  
;; NUMBER OF SEQ ID NOS: 424  
;; SOFTWARE: PatentIn version 3.1  
;; SEQ ID NO 147  
;; LENGTH: 119  
;; TYPE: PRT  
;; ORGANISM: Staphylococcus aureus  
US-10-485-517-147

Query Match 2.9%; Score 6; DB 6; Length 119;  
Best Local Similarity 100.0%; Pred. No. 47;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 19 AGLLLG 24  
Db 27 AGLLLG 32  
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RESULT 7  
US-10-467-657-7782  
;; Sequence 7782, Application US/10467657  
;; Publication No. US20050260581A1  
;; GENERAL INFORMATION:  
;; APPLICANT: CHIRON SpA  
;; APPLICANT: FONTANA Maria Rita  
;; APPLICANT: PIZZA Mariagrazia  
;; APPLICANT: MASIGNANI Vega  
;; APPLICANT: MONACI Elisabetta  
;; TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS  
;; FILE REFERENCE:  
;; CURRENT APPLICATION NUMBER: US/10/467,657  
;; CURRENT FILING DATE: 2003-08-11  
;; PRIOR APPLICATION NUMBER: GB-0103424.8  
;; PRIOR FILING DATE: 2001-02-12  
;; NUMBER OF SEQ ID NOS: 9218  
;; SOFTWARE: SeqWin99, version 1.04  
;; SEQ ID NO 7782  
;; LENGTH: 122  
;; TYPE: PRT  
;; ORGANISM: Neisseria gonorrhoeae  
US-10-467-657-7782

Query Match 2.9%; Score 6; DB 6; Length 122;  
Best Local Similarity 100.0%; Pred. No. 48;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 105 RPDGAL 110  
Db 71 RPDGAL 76  
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RESULT 8  
US-10-467-657-4260  
;; Sequence 4260, Application US/10467657  
;; Publication No. US20050260581A1  
;; GENERAL INFORMATION:

; APPLICANT: CHIRON SPA  
; APPLICANT: FONTANA Maria Rita  
; APPLICANT: PIZZA Mariagrazia  
; APPLICANT: MASIGNANI Vega  
; APPLICANT: MONACI Elisabetta  
; TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS  
; FILE REFERENCE:  
; CURRENT APPLICATION NUMBER: US/10/467,657  
; CURRENT FILING DATE: 2003-08-11  
; PRIOR APPLICATION NUMBER: GB-0103424.8  
; PRIOR FILING DATE: 2001-02-12  
; NUMBER OF SEQ ID NOS: 9218  
; SOFTWARE: SeqWin99, version 1.04  
; SEQ ID NO 4260  
; LENGTH: 126  
; TYPE: PRT  
; ORGANISM: Neisseria gonorrhoeae  
US-10-467-657-4260

Query Match 2.9%; Score 6; DB 6; Length 126;  
Best Local Similarity 100.0%; Pred. No. 50;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 94 LGVKTS 99  
Db 47 LGVKTS 52

RESULT 9  
US-10-793-626-242  
; Sequence 242, Application US/10793626  
; Publication No. US20050255478A1  
; GENERAL INFORMATION:  
; APPLICANT: KIMMERLY, WILLIAM JOHN  
; TITLE OF INVENTION: STAPHYLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS  
; FILE REFERENCE: PUS480US  
; CURRENT APPLICATION NUMBER: US/10/793,626  
; CURRENT FILING DATE: 2004-03-04  
; PRIOR APPLICATION NUMBER: 60/164,258  
; PRIOR FILING DATE: 1999-11-09  
; NUMBER OF SEQ ID NOS: 4472  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 242  
; LENGTH: 127  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: synthetic  
; OTHER INFORMATION: amino acid sequence  
US-10-793-626-242

Query Match 2.9%; Score 6; DB 6; Length 127;  
Best Local Similarity 100.0%; Pred. No. 50;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 18 LAGLL 23  
Db 107 LAGLL 112

RESULT 10  
US-10-467-657-7322  
; Sequence 7322, Application US/10467657  
; Publication No. US20050260581A1  
; GENERAL INFORMATION:  
; APPLICANT: CHIRON SpA  
; APPLICANT: FONTANA Maria Rita  
; APPLICANT: PIZZA Mariagrazia  
; APPLICANT: MASIGNANI Vega  
; APPLICANT: MONACI Elisabetta  
; TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS  
; FILE REFERENCE:  
; CURRENT APPLICATION NUMBER: US/10/467,657

; CURRENT FILING DATE: 2003-08-11  
; PRIOR APPLICATION NUMBER: GB-0103424.8  
; PRIOR FILING DATE: 2001-02-12  
; NUMBER OF SEQ ID NOS: 9218  
; SOFTWARE: SeqWin99, version 1.04  
; SEQ ID NO 7322  
; LENGTH: 155  
; TYPE: PRT  
; ORGANISM: Neisseria gonorrhoeae  
US-10-467-657-7322

Query Match 2.9%; Score 6; DB 6; Length 155;  
Best Local Similarity 100.0%; Pred. No. 61;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 37 LLOFGG 42  
Db 106 LLOFGG 111

RESULT 11  
US-10-957-569-64  
; Sequence 64, Application US/10957569  
; Publication No. US20050246785A1  
; GENERAL INFORMATION:  
; APPLICANT: COOK, Zhihong et al.  
; TITLE OF INVENTION: PROMOTER, PROMOTER CONTROL ELEMENTS, AND COMBINATIONS, AND USES  
; FILE REFERENCE: 2750-1577PUS3  
; CURRENT APPLICATION NUMBER: US/10/957,569  
; CURRENT FILING DATE: 2004-09-30  
; PRIOR APPLICATION NUMBER: US 10/950,321  
; PRIOR FILING DATE: 2004-09-23  
; NUMBER OF SEQ ID NOS: 64  
; SOFTWARE: PatentIn version 3.3  
; SEQ ID NO 64  
; LENGTH: 157  
; TYPE: PRT  
; ORGANISM: Arabidopsis thaliana  
US-10-957-569-64

Query Match 2.9%; Score 6; DB 6; Length 157;  
Best Local Similarity 100.0%; Pred. No. 62;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 16 SVLAGL 21  
Db 148 SVLAGL 153

RESULT 12  
US-10-467-657-7326  
; Sequence 7326, Application US/10467657  
; Publication No. US20050260581A1  
; GENERAL INFORMATION:  
; APPLICANT: CHIRON SpA  
; APPLICANT: FONTANA Maria Rita  
; APPLICANT: PIZZA Mariagrazia  
; APPLICANT: MASIGNANI Vega  
; APPLICANT: MONACI Elisabetta  
; TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS  
; FILE REFERENCE:  
; CURRENT APPLICATION NUMBER: US/10/467,657  
; CURRENT FILING DATE: 2003-08-11  
; PRIOR APPLICATION NUMBER: GB-0103424.8  
; PRIOR FILING DATE: 2001-02-12  
; NUMBER OF SEQ ID NOS: 9218  
; SOFTWARE: SeqWin99, version 1.04  
; SEQ ID NO 7326  
; LENGTH: 158  
; TYPE: PRT  
; ORGANISM: Neisseria gonorrhoeae  
US-10-467-657-7326

Query Match 2.9%; Score 6; DB 6; Length 158;  
Best Local Similarity 100.0%; Pred. No. 62;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 LQFGG 42  
Db 91 LQFGG 96

RESULT 13  
US-10-742-634-5  
; Sequence 5, Application US/10742634  
; Publication No. US20050249671A9  
; GENERAL INFORMATION:  
; APPLICANT: Parmelee, David  
; APPLICANT: Yeh, Ren-Hwa  
; APPLICANT: Galperina, Olga  
; APPLICANT: Hilbert, David  
; APPLICANT: Rosen, Craig A.  
; TITLE OF INVENTION: Neutrokin-alpha Conjugate, Neutrokin-alpha Complex, and Uses Th  
; FILE REFERENCE: 1488.1810002  
; CURRENT APPLICATION NUMBER: US/10/742,634  
; PRIOR FILING DATE: 2003-12-22  
; PRIOR APPLICATION NUMBER: US 60/435,262  
; PRIOR FILING DATE: 2002-12-23  
; PRIOR APPLICATION NUMBER: US 60/467,198  
; PRIOR FILING DATE: 2003-05-02  
; NUMBER OF SEQ ID NOS: 17  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 5  
; LENGTH: 184  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-742-634-5

Query Match 2.9%; Score 6; DB 6; Length 184;  
Best Local Similarity 100.0%; Pred. No. 72;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 165 LPLPGL 170  
Db 72 LPLPGL 77

RESULT 14  
US-10-967-527A-5  
; Sequence 5, Application US/10967527A  
; Publication No. US20050256041A1  
; GENERAL INFORMATION:  
; APPLICANT: Fox, Brian A.  
; APPLICANT: Holloway, James L.  
; APPLICANT: Sheppard, Paul O.  
; TITLE OF INVENTION: Ztnfr14, A Tumor Necrosis Factor  
; TITLE OF INVENTION: Receptor  
; FILE REFERENCE: 03-17  
; CURRENT APPLICATION NUMBER: US/10/967,527A  
; CURRENT FILING DATE: 2004-10-18  
; PRIOR APPLICATION NUMBER: 60/511,698  
; PRIOR FILING DATE: 2003-10-16  
; NUMBER OF SEQ ID NOS: 51  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 5  
; LENGTH: 184  
; TYPE: PRT  
; ORGANISM: homo sapiens  
US-10-967-527A-5

Query Match 2.9%; Score 6; DB 6; Length 184;  
Best Local Similarity 100.0%; Pred. No. 72;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 165 LPLPGL 170

Db 72 LPLPGL 77

RESULT 15  
US-10-995-561-784  
; Sequence 784, Application US/10995561  
; Publication No. US20050272054A1  
; GENERAL INFORMATION:  
; APPLICANT: CARGILL, Michele et al.  
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH  
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF  
; TITLE OF INVENTION: DETECTION AND USES THEREOF  
; FILE REFERENCE: CL001559  
; CURRENT APPLICATION NUMBER: US/10/995,561  
; CURRENT FILING DATE: 2004-11-24  
; NUMBER OF SEQ ID NOS: 85702  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 784  
; LENGTH: 194  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-995-561-784

Query Match 2.9%; Score 6; DB 6; Length 194;  
Best Local Similarity 100.0%; Pred. No. 75;  
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 30 PIPDSS 35  
Db 5 PIPDSS 10

Search completed: January 13, 2006, 17:39:57  
Job time : 12 secs



GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: January 13, 2006, 17:05:18 ; Search time 20.129 Seconds  
(without alignments)  
65.717 Million cell updates/sec

Title: US-10-060-765-7  
Perfect score: 86  
Sequence: 1 RQRYLYTDDAQTEAH 16

Scoring table: BIOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 572060 seqs, 82675679 residues

Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued Patents AA.\*

- 1: /cgm2\_6/ptodata/1/iaa/5 COMB.pcp.\*
- 2: /cgm2\_6/ptodata/1/iaa/6 COMB.pcp.\*
- 3: /cgm2\_6/ptodata/1/iaa/H COMB.pcp.\*
- 4: /cgm2\_6/ptodata/1/iaa/PCTUS COMB.pcp.\*
- 5: /cgm2\_6/ptodata/1/iaa/RE COMB.pcp.\*
- 6: /cgm2\_6/ptodata/1/iaa/backfiles.pcp.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	86	100.0	16	2	US-09-715-805-7
2	86	100.0	85	2	US-09-621-976-5213
3	86	100.0	181	2	US-09-390-207-5
4	86	100.0	209	2	US-09-390-207-2
5	86	100.0	209	2	US-09-715-805-4
6	75	87.2	181	2	US-09-390-207-6
7	75	87.2	210	2	US-09-390-207-4
8	75	87.2	210	2	US-09-715-805-2
9	75	87.2	210	2	US-09-655-493B-7
10	48	55.8	479	2	US-09-489-039A-14225
11	42	48.8	137	2	US-09-107-532A-4355
12	41	47.7	1121	2	US-09-171-461-28
13	41	47.7	1121	2	US-09-970-711-28
14	40	46.5	102	2	US-09-248-796A-26424
15	40	46.5	152	2	US-09-232-991A-28391
16	40	46.5	366	2	US-09-489-039A-10181
17	40	46.5	566	2	US-09-538-092-581
18	40	46.5	566	2	US-09-487-558B-418
19	40	46.5	575	2	US-10-104-047-3423
20	39	45.3	735	2	US-09-147-236-7
21	39	45.3	735	2	US-09-522-474-7
22	38	44.2	83	2	US-09-513-999C-4553
23	38	44.2	83	2	US-09-471-276-1470
24	38	44.2	136	2	US-09-621-976-4224
25	38	44.2	164	2	US-09-634-238-396
26	38	44.2	285	2	US-09-489-039A-14221
27	38	44.2	301	2	US-09-710-279-1396

28 38 44.2 526 2 US-09-489-039A-10731 Sequence 10731, A  
29 38 44.2 557 2 US-09-134-001C-5569 Sequence 5569, Ap  
30 38 44.2 580 2 US-08-830-433A-20 Sequence 20, Appl  
31 38 44.2 747 2 US-08-089-397A-16 Sequence 16, Appl  
32 38 44.2 776 1 US-07-603-133B-17 Sequence 17, Appl  
33 38 44.2 776 1 US-07-603-133B-20 Sequence 20, Appl  
34 38 44.2 776 2 US-08-089-397A-15 Sequence 15, Appl  
35 38 44.2 2396 1 US-08-157-005-2 Sequence 2, Appli  
36 38 44.2 2396 2 US-08-747-863-2 Sequence 2, Appli  
37 38 44.2 2396 2 US-09-565-864-2 Sequence 2, Appli  
38 38 44.2 2396 2 US-10-226-065-2 Sequence 2, Appli  
39 37 43.0 219 2 US-09-710-279-2206 Sequence 2206, Ap  
40 37 43.0 310 2 US-09-252-991A-31483 Sequence 31483, A  
41 37 43.0 317 2 US-09-134-001C-3993 Sequence 3993, Ap  
42 37 43.0 318 2 US-09-540-236-2086 Sequence 2086, Ap  
43 37 43.0 338 2 US-09-543-681A-5499 Sequence 5499, A  
44 37 43.0 349 2 US-09-270-767-42579 Sequence 42579, A  
45 37 43.0 377 2 US-09-352-990-28 Sequence 28, Appl

## ALIGNMENTS

RESULT 1  
US-09-715-805-7  
; Sequence 7, Application US/09715805  
; Patent No. 6716626  
; GENERAL INFORMATION:  
; APPLICANT: Itoh, No. 6716626uyuki  
; APPLICANT: Kavanaugh, W. Michael  
; TITLE OF INVENTION: HUMAN FGF-21 GENE AND GENE EXPRESSION  
; TITLE OF INVENTION: PRODUCTS  
; FILE REFERENCE: PP-16758.001/201130.408  
; CURRENT APPLICATION NUMBER: US/09/715.805  
; CURRENT FILING DATE: 2000-11-16  
; NUMBER OF SEQ ID NOS: 17  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 7  
; LENGTH: 16  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-715-805-7

Query Match 100.0%; Score 86; DB 2; Length 16;  
Best Local Similarity 100.0%; Pred. No. 3.3e-08;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RQRYLYTDDAQTEAH 16  
| | | | | | | | | | | | | | | |  
Db 1 RQRYLYTDDAQTEAH 16

RESULT 2  
US-09-621-976-5213  
; Sequence 5213, Application US/09621976  
; Patent No. 6639063  
; GENERAL INFORMATION:  
; APPLICANT: Dumas Milne Edwards, J.B.  
; APPLICANT: Jobert, S.  
; APPLICANT: Giordano, J.Y.  
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.  
; FILE REFERENCE: GENEST.054PR2  
; CURRENT APPLICATION NUMBER: US/09/621,976  
; CURRENT FILING DATE: 2000-07-21  
; NUMBER OF SEQ ID NOS: 19335  
; SOFTWARE: Patent.pm  
; SEQ ID NO 5213  
; LENGTH: 85  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: SIGNAL  
; LOCATION: -28..-1

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; NAME/KEY: UNSURE
; LOCATION: 57
; OTHER INFORMATION: Xaa = Ala,Pro
; NAME/KEY: UNSURE
; LOCATION: 52
; OTHER INFORMATION: Xaa = Leu,Val
US-09-621-976-5213

Query Match      100.0%; Score 86; DB 2; Length 85;
Best Local Similarity 100.0%; Pred. No. 2e-07;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RQRYLYTDDAQOQTEAH 16
Db 45 RQRYLYTDDAQOQTEAH 60

RESULT 3
US-09-390-207-5
; Sequence 5, Application US/09390207
; Patent No. 6504530
; GENERAL INFORMATION:
; APPLICANT: Thomason, Arlen
; APPLICANT: Liu, Benxian
; TITLE OF INVENTION: Fibroblast Growth Factor-Like Polypeptides
; FILE REFERENCE: 99-371
; CURRENT APPLICATION NUMBER: US/09/390,207
; CURRENT FILING DATE: 1999-09-07
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 181
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-390-207-5

Query Match      100.0%; Score 86; DB 2; Length 181;
Best Local Similarity 100.0%; Pred. No. 4.5e-07;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RQRYLYTDDAQOQTEAH 16
Db 17 RQRYLYTDDAQOQTEAH 32

RESULT 4
US-09-390-207-2
; Sequence 2, Application US/09390207
; Patent No. 6504530
; GENERAL INFORMATION:
; APPLICANT: Thomason, Arlen
; APPLICANT: Liu, Benxian
; TITLE OF INVENTION: Fibroblast Growth Factor-Like Polypeptides
; FILE REFERENCE: 99-371
; CURRENT APPLICATION NUMBER: US/09/390,207
; CURRENT FILING DATE: 1999-09-07
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 209
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-390-207-2

Query Match      100.0%; Score 86; DB 2; Length 209;
Best Local Similarity 100.0%; Pred. No. 5.2e-07;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RQRYLYTDDAQOQTEAH 16
Db 45 RQRYLYTDDAQOQTEAH 60

; NAME/KEY: UNSURE
; LOCATION: 57
; OTHER INFORMATION: Xaa = Ala,Pro
; NAME/KEY: UNSURE
; LOCATION: 52
; OTHER INFORMATION: Xaa = Leu,Val
US-09-621-976-5213

Query Match      100.0%; Score 86; DB 2; Length 85;
Best Local Similarity 100.0%; Pred. No. 2e-07;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RQRYLYTDDAQOQTEAH 16
Db 45 RQRYLYTDDAQOQTEAH 60

RESULT 5
US-09-715-805-4
; Sequence 4, Application US/09715805
; Patent No. 6716626
; GENERAL INFORMATION:
; APPLICANT: Itoh, No. 6716626uyuki
; APPLICANT: Kavanaugh, W. Michael
; TITLE OF INVENTION: HUMAN FGF-21 GENE AND GENE EXPRESSION
; FILE REFERENCE: PP-16758.001/201130.408
; CURRENT APPLICATION NUMBER: US/09/715,805
; CURRENT FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 209
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-715-805-4

Query Match      100.0%; Score 86; DB 2; Length 209;
Best Local Similarity 100.0%; Pred. No. 5.2e-07;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RQRYLYTDDAQOQTEAH 16
Db 45 RQRYLYTDDAQOQTEAH 60

RESULT 6
US-09-390-207-6
; Sequence 6, Application US/09390207
; Patent No. 6504530
; GENERAL INFORMATION:
; APPLICANT: Thomason, Arlen
; APPLICANT: Liu, Benxian
; TITLE OF INVENTION: Fibroblast Growth Factor-Like Polypeptides
; FILE REFERENCE: 99-371
; CURRENT APPLICATION NUMBER: US/09/390,207
; CURRENT FILING DATE: 1999-09-07
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 181
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-390-207-6

Query Match      87.2%; Score 75; DB 2; Length 181;
Best Local Similarity 87.5%; Pred. No. 3.4e-05;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 RQRYLYTDDAQOQTEAH 16
Db 17 RQRYLYTDDAQOQTEAH 32

RESULT 7
US-09-390-207-4
; Sequence 4, Application US/09390207
; Patent No. 6504530
; GENERAL INFORMATION:
; APPLICANT: Thomason, Arlen
; APPLICANT: Liu, Benxian
; TITLE OF INVENTION: Fibroblast Growth Factor-Like Polypeptides
; FILE REFERENCE: 99-371
; CURRENT APPLICATION NUMBER: US/09/390,207
; CURRENT FILING DATE: 1999-09-07
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 210
; TYPE: PRT
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; ORGANISM: Mus musculus
US-09-390-207-4
Query Match      87.2%; Score 75; DB 2; Length 210;
Best Local Similarity 87.5%; Pred. No. 3.9e-05;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 RORYLYTDDAQOTEAH 16
Db 46 RORYLYTDDDDQOTEAH 61

RESULT 8
US-09-715-805-2
; Sequence 2, Application US/09715805
; Patent No. 6716626
; GENERAL INFORMATION:
; APPLICANT: Itoh, No. 6716626uyuki
; APPLICANT: Kavanaugh, W. Michael
; TITLE OF INVENTION: HUMAN FGF-21 GENE AND GENE EXPRESSION
; TITLE OF INVENTION: PRODUCTS
; FILE REFERENCE: PP-16758.001/201130.408
; CURRENT APPLICATION NUMBER: US/09/715,805
; CURRENT FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 210
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-715-805-2

Query Match      87.2%; Score 75; DB 2; Length 210;
Best Local Similarity 87.5%; Pred. No. 3.9e-05;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 RORYLYTDDAQOTEAH 16
Db 46 RORYLYTDDDDQOTEAH 61

RESULT 9
US-09-665-493B-7
; Sequence 7, Application US/09665493B
; Patent No. 6943153
; GENERAL INFORMATION:
; APPLICANT: Manning, William C., Jr.
; APPLICANT: Dwaraki, Varavani J.
; APPLICANT: Rendahl, Katherine
; APPLICANT: Zhou, Shang-Zhen
; APPLICANT: McGee, Laura H.
; APPLICANT: Lau, Dana
; APPLICANT: Flannery, John G.
; APPLICANT: Miller, Sheldon
; APPLICANT: Wang, Fei
; APPLICANT: Di Polo, Adriana
; TITLE OF INVENTION: USE OF RECOMBINANT GENE DELIVERY VECTORS
; TITLE OF INVENTION: FOR TREATING OR PREVENTING DISEASES OF THE EYE
; FILE REFERENCE: PP1588.005 (20263.40)
; CURRENT APPLICATION NUMBER: US/09/665,493B
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 210
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-665-493B-7

Query Match      87.2%; Score 75; DB 2; Length 210;
Best Local Similarity 87.5%; Pred. No. 3.9e-05;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 RORYLYTDDAQOTEAH 16
Db 46 RORYLYTDDDDQOTEAH 61

RESULT 10
US-09-489-039A-14225
; Sequence 14225, Application US/09489039A
; Patent No. 6610836
; GENERAL INFORMATION:
; APPLICANT: Gary Breton et. al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
; FILE REFERENCE: 2709.2004001
; CURRENT APPLICATION NUMBER: US/09/489,039A
; CURRENT FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: US 60/117,747
; PRIOR FILING DATE: 1999-01-29
; NUMBER OF SEQ ID NOS: 14342
; SEQ ID NO 14225
; LENGTH: 479
; TYPE: PRT
; ORGANISM: Klebsiella pneumoniae
US-09-489-039A-14225

Query Match      55.8%; Score 48; DB 2; Length 479;
Best Local Similarity 62.5%; Pred. No. 3.8;
Matches 10; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 1 RORYLYTDDAQOTEAH 16
Db 460 RORYHPGDDRQPOAH 475

RESULT 11
US-09-107-532A-4355
; Sequence 4355, Application US/09107532A
; Patent No. 6583275
; GENERAL INFORMATION:
; APPLICANT: Lynn A Doucette-Stamm and David Bush
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
; ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 7310
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENOME THERAPEUTICS CORPORATION
; STREET: 100 Beaver Street
; CITY: Waltham
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02354
; COMPUTER READABLE FORM:
; MEDIUM TYPE: CD/ROM ISO9660
; COMPUTER: PC
; OPERATING SYSTEM: <Unknown>
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/107,532A
; FILING DATE: 30-Jun-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/085,598
; FILING DATE: 14 May 1998
; APPLICATION NUMBER: 60/051571
; FILING DATE: July 2, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ariniello, Pamela Deneke
; REGISTRATION NUMBER: 40,489
; REFERENCE/DOCKET NUMBER: GTC-012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (781)893-5007
; TELEFAX: (781)893-8277
; INFORMATION FOR SEQ ID NO: 4355:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 137 amino acids
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; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHETICAL: YES
; ORIGINAL SOURCE:
; ORGANISM: Enterococcus faecium
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (B) LOCATION 1...137
; SEQUENCE DESCRIPTION: SEQ ID NO: 4355:
US-09-107-532A-4355

Query Match      48.8%; Score 42; DB 2; Length 137;
Best Local Similarity 54.5%; Pred. No. 10;
Matches 6; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 4 YLYTDDAQOTE 14
   |||:|:|
Db 108 YIYDESEDE 118

RESULT 12
US-09-171-461-28
; Sequence 28, Application US/09171461
; Patent No. 6335016
; GENERAL INFORMATION:
; APPLICANT: Baker, Adam
; APPLICANT: Cotten, Matthew
; APPLICANT: Chioccia, Susanna
; APPLICANT: Kurzbauer, Robert
; APPLICANT: Schaffner, Gotthold
; TITLE OF INVENTION: Chicken Embryo Lethal Orphan (CELO) Virus
; FILE REFERENCE: 0652.1800000
; CURRENT APPLICATION NUMBER: US/09/171,461
; CURRENT FILING DATE: 1999-01-12
; EARLIER APPLICATION NUMBER: PCT/EP97/01944
; EARLIER FILING DATE: 1997-04-18
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 28
; LENGTH: 1121
; TYPE: PRT
; ORGANISM: CELO VIRUS
; FEATURE:
; OTHER INFORMATION: Position: 6501..9866/Product: E2b pol
US-09-171-461-28

Query Match      47.7%; Score 41; DB 2; Length 1121;
Best Local Similarity 50.0%; Pred. No. 1.5e+02;
Matches 7; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 1 RQRYLYTDDAQOTE 14
   |||:|:|
Db 731 RQFRYADDPQE 744

RESULT 13
US-09-970-711-28
; Sequence 28, Application US/09970711
; Patent No. 6773709
; GENERAL INFORMATION:
; APPLICANT: Baker, Adam
; APPLICANT: Cotten, Matthew
; APPLICANT: Chioccia, Susanna
; APPLICANT: Kurzbauer, Robert
; APPLICANT: Schaffner, Gotthold
; TITLE OF INVENTION: Chicken Embryo Lethal Orphan (CELO) Virus
; FILE REFERENCE: 0652.1800001
; CURRENT APPLICATION NUMBER: US/09/970,711
; CURRENT FILING DATE: 2001-10-05
; PRIOR APPLICATION NUMBER: 09/171,461
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: PCT/EP97/01944
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; PRIOR FILING DATE: 1997-04-18
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 28
; LENGTH: 1121
; TYPE: PRT
; ORGANISM: CELO VIRUS
; FEATURE:
; OTHER INFORMATION: Position: 6501..9866/Product: E2b pol
US-09-970-711-28

Query Match      47.7%; Score 41; DB 2; Length 1121;
Best Local Similarity 50.0%; Pred. No. 1.5e+02;
Matches 7; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 1 RQRYLYTDDAQOTE 14
   |||:|:|
Db 731 RQFRYADDPQE 744

RESULT 14
US-09-248-796A-26424
; Sequence 26424, Application US/09248796A
; Patent No. 6747137
; GENERAL INFORMATION:
; APPLICANT: Keith Weinstock et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICA
; FILE REFERENCE: 107196.132
; CURRENT APPLICATION NUMBER: US/09/248,796A
; CURRENT FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 60/074,725
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/096,409
; PRIOR FILING DATE: 1998-08-13
; NUMBER OF SEQ ID NOS: 28208
; SEQ ID NO 26424
; LENGTH: 102
; TYPE: PRT
; ORGANISM: Candida albicans
; OTHER INFORMATION: Position: 46.5%; Score 40; DB 2; Length 102;
US-09-248-796A-26424

Query Match      46.5%; Score 40; DB 2; Length 102;
Best Local Similarity 37.5%; Pred. No. 17;
Matches 6; Conservative 5; Mismatches 5; Indels 0; Gaps 0;

QY 1 RQRYLYTDDAQOTEAH 16
   |||:|:|
Db 75 KQVTFWDDVQEIQSH 90

RESULT 15
US-09-252-991A-28391
; Sequence 28391, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 28391
; LENGTH: 152
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
; OTHER INFORMATION: Position: 46.5%; Score 40; DB 2; Length 102;
US-09-252-991A-28391
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Query Match          46.5%; Score 40; DB 2; Length 152;
Best Local Similarity 63.6%; Pred. No. 26;
Matches 7; Conservative 2; Mismatches 0; Gaps 0;

QY 6 YTDAAQQTGAH 16
DB 129 WRDDAPQTESH 139

RESULT 16
US-09-489-039A-10181
; Sequence 10181, Application US/09489039A
; Patent No. 6610836
; GENERAL INFORMATION:
; APPLICANT: Gary Breton et. al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
; FILE REFERENCE: 2709.2004001
; CURRENT APPLICATION NUMBER: US/09/489,039A
; CURRENT FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: US 60/117,747
; PRIOR FILING DATE: 1999-01-29
; NUMBER OF SEQ ID NOS: 14342
; SEQ ID NO 10181
; LENGTH: 366
; TYPE: PRT
; ORGANISM: Klebsiella pneumoniae
US-09-489-039A-10181

Query Match          46.5%; Score 40; DB 2; Length 366;
Best Local Similarity 50.0%; Pred. No. 66;
Matches 7; Conservative 2; Mismatches 5; Indels 0; Gaps 0;

QY 3 RYLYTDDAQQTGAH 16
DB 83 RYIYDTSNQRKNWH 96

RESULT 17
US-09-538-092-581
; Sequence 581, Application US/09538092
; Patent No. 6753314
; GENERAL INFORMATION:
; APPLICANT: Giot, Loic
; TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
; FILE REFERENCE: 15966-542
; CURRENT APPLICATION NUMBER: US/09/538,092
; CURRENT FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: 60/127,352
; PRIOR FILING DATE: 1999-04-01
; PRIOR APPLICATION NUMBER: 60/178,965
; PRIOR FILING DATE: 2000-02-01
; NUMBER OF SEQ ID NOS: 1387
; SOFTWARE: CuraPatSeqFormatter Version 0.9
; SEQ ID NO 581
; LENGTH: 566
; TYPE: PRT
; ORGANISM: Saccharomyces cerevisiae
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Polypeptide Accession Number YLR417W
US-09-538-092-581

Query Match          46.5%; Score 40; DB 2; Length 566;
Best Local Similarity 53.8%; Pred. No. 11e+02;
Matches 7; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 2 QRYLYTDDAQQTGA 14
DB 52 QRIIYDDAKPTQ 64

RESULT 18
US-09-487-558B-418
; Sequence 418, Application US/09487558B
; Patent No. 6949356
; GENERAL INFORMATION:
; APPLICANT: Busby, Robert
; APPLICANT: Cali, Brian
; APPLICANT: Hecht, Peter
; APPLICANT: Holtzman, Doug
; APPLICANT: Madden, Kevin
; APPLICANT: Maxon, Mary
; APPLICANT: Milne, Todd
; APPLICANT: No. 6949356man, Thea
; APPLICANT: Royer, John
; APPLICANT: Salama, Sofie
; APPLICANT: Sherman, Amir
; APPLICANT: Silva, Jeff
; APPLICANT: Summers, Eric
; TITLE OF INVENTION: Methods for Improving Secondary Metabolite Production in Fungi
; FILE REFERENCE: 109272.130
; CURRENT APPLICATION NUMBER: US/09/487,558B
; CURRENT FILING DATE: 2000-01-19
; PRIOR APPLICATION NUMBER: US 60/487,558
; PRIOR FILING DATE: 1999-10-20
; NUMBER OF SEQ ID NOS: 446
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 418
; LENGTH: 566
; TYPE: PRT
; ORGANISM: Saccharomyces cerevisiae
US-09-487-558B-418

Query Match          46.5%; Score 40; DB 2; Length 566;
Best Local Similarity 53.8%; Pred. No. 1.1e+02;
Matches 7; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 2 QRYLYTDDAQQTGA 14
DB 52 QRIIYDDAKPTQ 64

RESULT 19
US-10-104-047-3423
; Sequence 3423, Application US/10104047
; Patent No. 6943241
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. 6943241el full length cdna
; FILE REFERENCE: HL-A0105
; CURRENT APPLICATION NUMBER: US/10/104,047
; CURRENT FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER:
; PRIOR FILING DATE:
; NUMBER OF SEQ ID NOS: 4096
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3423
; LENGTH: 575
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-104-047-3423

Query Match          46.5%; Score 40; DB 2; Length 575;
Best Local Similarity 53.3%; Pred. No. 1.1e+02;
Matches 8; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 1 RQRYLYTDDAQQTGA 15
DB 196 RGEYLYTDSQITDS 210

RESULT 20
US-09-147-236-7
```

; Sequence 7, Application US/09147236A  
; Patent No. 6316251  
; GENERAL INFORMATION:

; APPLICANT: TONOUCHI, Naoto  
; APPLICANT: TSUCHIDA, Takayasu  
; APPLICANT: YOSHINAGA, Fumihiro  
; APPLICANT: TAHARA, Naoki  
; APPLICANT: HAYASHI, Takahisa  
; TITLE OF INVENTION: NOVEL GENE, GROUP OF GENES, AND NOVEL BETA-GLUCOSIDASE  
; FILE REFERENCE: 6537-011-0PCT  
; CURRENT APPLICATION NUMBER: US/09/147,236A  
; CURRENT FILING DATE: 1999-04-08  
; EARLIER APPLICATION NUMBER: PCT/JP97/03633  
; EARLIER FILING DATE: 1997-10-09  
; NUMBER OF SEQ ID NOS: 12  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 7

; LENGTH: 735  
; TYPE: PRT

; ORGANISM: Acetobacter xylinum

; FEATURE:

; OTHER INFORMATION: n at positions 15741 and 15767 may be a, g, t, or

; OTHER INFORMATION: c

US-09-147-236-7

Query Match 45.3%; Score 39; DB 2; Length 735;

Best Local Similarity 70.0%; Pred. No. 2.1e+02;  
Matches 7; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 7 TDDAQOTEAH 16

Db 718 TDDSQOTTMH 727

RESULT 21

US-09-522-474-7

; Sequence 7, Application US/09522474  
; Patent No. 6573076  
; GENERAL INFORMATION:

; APPLICANT: TONOUCHI, Naoto  
; APPLICANT: TSUCHIDA, Takayasu  
; APPLICANT: YOSHINAGA, Fumihiro  
; APPLICANT: TAHARA, Naoki  
; APPLICANT: HAYASHI, Takahisa

; TITLE OF INVENTION: NOVEL GENE, GROUP OF GENES, AND NOVEL BETA-GLUCOSIDASE  
; FILE REFERENCE: 6537-011-0PCT

; CURRENT APPLICATION NUMBER: US/09/522,474

; CURRENT FILING DATE: 2000-03-09

; PRIOR APPLICATION NUMBER: US/09/147,236

; PRIOR FILING DATE: 1999-04-08

; PRIOR APPLICATION NUMBER: PCT/JP97/03633

; NUMBER OF SEQ ID NOS: 12

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 7

; LENGTH: 735

; TYPE: PRT

; ORGANISM: Acetobacter xylinum

; FEATURE:

; OTHER INFORMATION: n at positions 15741 and 15767 may be a, g, t, or

; OTHER INFORMATION: c

US-09-522-474-7

Query Match

Best Local Similarity 45.3%; Score 39; DB 2; Length 735;

Matches 7; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 7 TDDAQOTEAH 16

Db 718 TDDSQOTTMH 727

RESULT 22

US-09-522-474-7

; Sequence 7, Application US/09522474  
; Patent No. 6573076  
; GENERAL INFORMATION:

; APPLICANT: TONOUCHI, Naoto  
; APPLICANT: TSUCHIDA, Takayasu  
; APPLICANT: YOSHINAGA, Fumihiro  
; APPLICANT: TAHARA, Naoki  
; APPLICANT: HAYASHI, Takahisa

; TITLE OF INVENTION: NOVEL GENE, GROUP OF GENES, AND NOVEL BETA-GLUCOSIDASE  
; FILE REFERENCE: 6537-011-0PCT

; CURRENT APPLICATION NUMBER: US/09/522,474  
; CURRENT FILING DATE: 2000-03-09

; PRIOR APPLICATION NUMBER: US/09/147,236  
; PRIOR FILING DATE: 1999-04-08

; PRIOR APPLICATION NUMBER: PCT/JP97/03633  
; NUMBER OF SEQ ID NOS: 12

; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 7

; LENGTH: 735  
; TYPE: PRT

; ORGANISM: Acetobacter xylinum

; FEATURE:

; OTHER INFORMATION: n at positions 15741 and 15767 may be a, g, t, or

; OTHER INFORMATION: c

US-09-522-474-7

US-09-513-999C-4553

; Sequence 4553, Application US/09513999C  
; Patent No. 6783961  
; GENERAL INFORMATION:

; APPLICANT: Dumas Milne Edwards, J.B.  
; APPLICANT: Duclert, A.  
; APPLICANT: Giordano, J.Y.

; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.

; Patent No. 6783961

; FILE REFERENCE: 59. US2.REG

; CURRENT APPLICATION NUMBER: US/09/513,999C

; CURRENT FILING DATE: 2000-02-24

; PRIOR APPLICATION NUMBER: US 60/122,487

; PRIOR FILING DATE: 1999-02-26

; NUMBER OF SEQ ID NOS: 36681

; SOFTWARE: Patent.pm

; SEQ ID NO 4553

; LENGTH: 83

; TYPE: PRT

; ORGANISM: Homo sapiens

; FEATURE:

; NAME/KEY: SIGNAL

; LOCATION: -41...-1

; OTHER INFORMATION: score 3.6

; OTHER INFORMATION: seq LHTSVTLFLLSVC/DC

; FEATURE:

; NAME/KEY: UNSURE

; LOCATION: 19

; OTHER INFORMATION: Xaa=Lys or Asn or Arg or Ser or Thr

US-09-513-999C-4553

Query Match 44.2%; Score 38; DB 2; Length 83;

Best Local Similarity 53.8%; Pred. No. 29;  
Matches 7; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

Qy 2 QRYLYTDDAQOTE 14

Db 11 EEYLYLDFSHQTE 23

RESULT 23

US-09-471-276-1470

; Sequence 1470, Application US/09471276

; Patent No. 6822072

; GENERAL INFORMATION:

; APPLICANT: Dumas Milne Edwards, J.B.

; APPLICANT: Duclert A.

; APPLICANT: Giordano, J.Y.

; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.

; Patent No. 6822072

; FILE REFERENCE: GENSET.025CP1

; CURRENT APPLICATION NUMBER: US/09/471,276

; CURRENT FILING DATE: 1999-12-21

; EARLIER APPLICATION NUMBER: 09/057,719

; EARLIER FILING DATE: 1998-04-09

; EARLIER APPLICATION NUMBER: 09/069,047

; EARLIER FILING DATE: 1998-04-28

; EARLIER APPLICATION NUMBER: PCT/IB99/00712

; EARLIER FILING DATE: 1999-04-09

; NUMBER OF SEQ ID NOS: 1622

; SOFTWARE: Patent.pm

; SEQ ID NO 1470

; LENGTH: 83

; TYPE: PRT

; ORGANISM: Homo sapiens

; FEATURE:

; NAME/KEY: SIGNAL

; LOCATION: -41...-1

US-09-471-276-1470

Query Match

Best Local Similarity 44.2%; Score 38; DB 2; Length 83;

Matches 7; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

OY 2 QRYLYTDDAQOTE 14  
Db 11 BEYLYLDFSHQTE 23

## RESULT 24

US-09-621-976-4224  
; Sequence 4224, Application US/09621976  
; Patent No. 6639063  
; GENERAL INFORMATION:  
; APPLICANT: Dumas Milne Edwards, J.B.  
; APPLICANT: Jobert, S.  
; APPLICANT: Giordano, J.Y.  
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.  
; FILE REFERENCE: GENSET.054PR2  
; CURRENT APPLICATION NUMBER: US/09/621,976  
; CURRENT FILING DATE: 2000-07-21  
; NUMBER OF SEQ ID NOS: 19335  
; SOFTWARE: Patent.pm  
; SEQ ID NO 4224  
; LENGTH: 136  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: SIGNAL  
; LOCATION: -41..-1  
US-09-621-976-4224

Query Match 44.2%; Score 38; DB 2; Length 136;  
Best Local Similarity 53.8%; Pred. No. 50;  
Matches 7; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

OY 2 QRYLYTDDAQOTE 14  
Db 11 BEYLYLDFSHQTE 23

## RESULT 25

US-09-634-238-396  
; Sequence 396, Application US/09634238  
; Patent No. 6544772  
; GENERAL INFORMATION:  
; APPLICANT: Glenn, Matthew  
; APPLICANT: Havukkala, Ilkka J.  
; APPLICANT: Bloksberg, Leonard, N.  
; APPLICANT: Lubbers, Mark W.  
; APPLICANT: Dekker, James  
; APPLICANT: Christensson, Anna C.  
; APPLICANT: Holland, Ross  
; APPLICANT: O'Toole, Paul W.  
; APPLICANT: Reid, Julian R.  
; APPLICANT: Coolbear, Timothy  
; TITLE OF INVENTION: Polynucleotides, materials incorporating  
; TITLE OF INVENTION: them and methods for using them.  
; FILE REFERENCE: 11000.1043U1  
; CURRENT APPLICATION NUMBER: US/09/634,238  
; CURRENT FILING DATE: 2000-08-08  
; NUMBER OF SEQ ID NOS: 422  
; SOFTWARE: FastSEQ for Windows Version 4.0  
; SEQ ID NO 396  
; LENGTH: 164  
; TYPE: PRT  
; ORGANISM: Lactobacillus rhamnosus  
; FEATURE:  
; NAME/KEY: VARIANT  
; LOCATION: (1)...(164)  
; OTHER INFORMATION: Xaa = Any Amino Acid  
US-09-634-238-396

Query Match 44.2%; Score 38; DB 2; Length 164;  
Best Local Similarity 46.2%; Pred. No. 61;  
Matches 6; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

OY 4 YLYTDDAQOTEAH 16  
Db 23 FLYTDEAMRVRFH 35

Search completed: January 13, 2006, 17:22:54  
Job time : 21.129 secs

GenCore version 5.1.6  
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OM protein - protein search, using sw model.

Run on: January 13, 2006, 17:21:33 ; Search time 57.2903 Seconds  
(without alignments)  
116.691 Million cell updates/sec

Title: US-10-060-765-7

Perfect score: 86

Sequence: 1 RQRYLYTDDAQOQTEAH 16

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1867569 seqs, 417829326 residues

Total number of hits satisfying chosen parameters: 1867569

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA Main:

1: /cgn2\_6/ptodata/1/pubpaa/US07\_PUBCOMB.pep.\*  
2: /cgn2\_6/ptodata/1/pubpaa/US08\_PUBCOMB.pep.\*  
3: /cgn2\_6/ptodata/1/pubpaa/US09\_PUBCOMB.pep.\*  
4: /cgn2\_6/ptodata/1/pubpaa/US10A\_PUBCOMB.pep.\*  
5: /cgn2\_6/ptodata/1/pubpaa/US10B\_PUBCOMB.pep.\*  
6: /cgn2\_6/ptodata/1/pubpaa/US11\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	86	100.0	16	4	US-10-060-765-7
2	86	100.0	16	4	US-10-818-140-7
3	86	100.0	16	5	US-10-771-173-7
4	86	100.0	91	5	US-10-659-004-60
5	86	100.0	125	5	US-10-659-004-52
6	86	100.0	136	3	US-09-901-938-33
7	86	100.0	136	4	US-10-379-334-33
8	86	100.0	183	5	US-10-659-004-54
9	86	100.0	208	3	US-09-755-695-2
10	86	100.0	208	4	US-10-227-884-78
11	86	100.0	208	4	US-10-230-163-78
12	86	100.0	208	4	US-10-230-338-78
13	86	100.0	208	4	US-10-218-631-78
14	86	100.0	208	4	US-10-230-414-78
15	86	100.0	208	4	US-10-232-224-78
16	86	100.0	208	4	US-10-216-159A-78
17	86	100.0	208	4	US-10-218-849-78
18	86	100.0	208	4	US-10-227-873-78
19	86	100.0	208	4	US-10-227-883-78
20	86	100.0	208	4	US-10-219-076-78
21	86	100.0	208	4	US-10-230-434-78
22	86	100.0	208	4	US-10-219-003-78
23	86	100.0	208	4	US-10-219-075-78
24	86	100.0	208	4	US-10-219-464-78
25	86	100.0	208	4	US-10-219-466-78
26	86	100.0	208	4	US-10-219-479-78
27	86	100.0	208	4	US-10-219-481-78

28	86	100.0	208	4	US-10-230-260-78	Sequence 78, Appl
29	86	100.0	208	4	US-10-232-231-78	Sequence 78, Appl
30	86	100.0	208	4	US-10-232-233-78	Sequence 78, Appl
31	86	100.0	208	4	US-10-216-165-78	Sequence 78, Appl
32	86	100.0	208	4	US-10-218-956-78	Sequence 78, Appl
33	86	100.0	208	4	US-10-219-468-78	Sequence 78, Appl
34	86	100.0	208	4	US-10-219-478-78	Sequence 78, Appl
35	86	100.0	208	4	US-10-219-536-78	Sequence 78, Appl
36	86	100.0	208	4	US-10-233-205-78	Sequence 78, Appl
37	86	100.0	208	4	US-10-219-072-78	Sequence 78, Appl
38	86	100.0	208	4	US-10-219-470-78	Sequence 78, Appl
39	86	100.0	208	4	US-10-219-474-78	Sequence 78, Appl
40	86	100.0	208	4	US-10-219-524-78	Sequence 78, Appl
41	86	100.0	208	4	US-10-219-528-78	Sequence 78, Appl
42	86	100.0	208	4	US-10-227-880-78	Sequence 78, Appl
43	86	100.0	208	4	US-10-227-881-78	Sequence 78, Appl
44	86	100.0	208	4	US-10-227-882-78	Sequence 78, Appl
45	86	100.0	208	4	US-10-230-436-78	Sequence 78, Appl

#### ALIGNMENTS

RESULT 1  
US-10-060-765-7  
; Sequence 7, Application US/10060765  
; Publication No. US20020164713A1  
; GENERAL INFORMATION:  
; APPLICANT: Itoh, No. US20020164713A1uyuki  
; APPLICANT: Kavanaugh, W. Michael  
; TITLE OF INVENTION: HUMAN FGF-21 GENE AND GENE EXPRESSION  
; TITLE OF INVENTION: PRODUCTS  
; FILE REFERENCE: PP-16758.001/201130.408  
; CURRENT APPLICATION NUMBER: US/10/060.765  
; CURRENT FILING DATE: 2002-01-29  
; PRIOR APPLICATION NUMBER: US/09/715.805  
; PRIOR FILING DATE: 2000-11-16  
; NUMBER OF SEQ ID NOS: 17  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 7  
; LENGTH: 16  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-060-765-7

Query Match 100.0%; Score 86; DB 4; Length 16;  
Best Local Similarity 100.0%; Pred. No. 1.1e-07;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RQRYLYTDDAQOQTEAH 16  
| | | | | | | | | | | | | | | |  
Db 1 RQRYLYTDDAQOQTEAH 16

RESULT 2  
US-10-818-140-7  
; Sequence 7, Application US/10818140  
; Publication No. US20040185494A1  
; GENERAL INFORMATION:  
; APPLICANT: Itoh, Nobuyuki  
; APPLICANT: Kavanaugh, W. Michael  
; TITLE OF INVENTION: HUMAN FGF-21 GENE AND GENE EXPRESSION  
; TITLE OF INVENTION: PRODUCTS  
; FILE REFERENCE: PP-16758.001/201130.408  
; CURRENT APPLICATION NUMBER: US/10/818.140  
; CURRENT FILING DATE: 2004-04-05  
; PRIOR APPLICATION NUMBER: US/09/715.805  
; PRIOR FILING DATE: 2000-11-16  
; NUMBER OF SEQ ID NOS: 17  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 7  
; LENGTH: 16  
; TYPE: PRT



; ORGANISM: Homo sapiens  
US-10-818-140-7

Query Match 100.0%; Score 86; DB 4; Length 16;  
Best Local Similarity 100.0%; Pred. No. 1.1e-07;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RQRYLYTDDAQOQTEAH 16  
| | | | | | | | | | | | | | | |  
DB 1 RQRYLYTDDAQOQTEAH 16

## RESULT 3

US-10-771-173-7  
; Sequence 7, Application US/10771173  
; Publication No. US20050037457A1

; GENERAL INFORMATION:

; APPLICANT: Itoh, Nobuyuki

; APPLICANT: Kavanaugh, W. Michael

; TITLE OF INVENTION: HUMAN EGF-21 GENE AND GENE EXPRESSION

; TITLE OF INVENTION: PRODUCTS

; FILE REFERENCE: PP-16758.001/201130.408

; CURRENT APPLICATION NUMBER: US/10/771,173

; CURRENT FILING DATE: 2004-02-03

; PRIOR APPLICATION NUMBER: US/09/715,805

; PRIOR FILING DATE: 2000-11-16

; NUMBER OF SEQ ID NOS: 17

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 7

; LENGTH: 16

; TYPE: PRT

; ORGANISM: Homo sapiens

US-10-771-173-7

Query Match 100.0%; Score 86; DB 5; Length 16;  
Best Local Similarity 100.0%; Pred. No. 1.1e-07;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RQRYLYTDDAQOQTEAH 16  
| | | | | | | | | | | | | | | |  
DB 1 RQRYLYTDDAQOQTEAH 16

## RESULT 4

US-10-659-004-60  
; Sequence 60, Application US/10659004  
; Publication No. US20050048507A1

; GENERAL INFORMATION:

; APPLICANT: Zhong et al.

; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD

; FILE REFERENCE: 21402-608

; CURRENT APPLICATION NUMBER: US/10/659,004

; CURRENT FILING DATE: 2003-09-09

; PRIOR APPLICATION NUMBER: 60/295,607

; PRIOR FILING DATE: 2001-06-04

; PRIOR APPLICATION NUMBER: 60/295,661

; PRIOR FILING DATE: 2001-06-04

; PRIOR APPLICATION NUMBER: 60/296,404

; PRIOR FILING DATE: 2001-06-06

; PRIOR APPLICATION NUMBER: 60/296,418

; PRIOR FILING DATE: 2001-06-06

; PRIOR APPLICATION NUMBER: 60/297,414

; PRIOR FILING DATE: 2001-06-11

; PRIOR APPLICATION NUMBER: 60/297,567

; PRIOR FILING DATE: 2001-06-12

; PRIOR APPLICATION NUMBER: 60/298,285

; PRIOR FILING DATE: 2001-06-14

; PRIOR APPLICATION NUMBER: 60/298,556

; PRIOR FILING DATE: 2001-06-15

; PRIOR APPLICATION NUMBER: 60/299,949

; PRIOR FILING DATE: 2001-06-21

; PRIOR APPLICATION NUMBER: 60/300,883

; PRIOR FILING DATE: 2001-06-26

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 187

; SOFTWARE: CuraseqList version 0.1

; SEQ ID NO 60

; LENGTH: 91

; TYPE: PRT

; ORGANISM: Homo sapiens

US-10-659-004-60

Query Match 100.0%; Score 86; DB 5; Length 91;  
Best Local Similarity 100.0%; Pred. No. 7.4e-07;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RQRYLYTDDAQOQTEAH 16  
| | | | | | | | | | | | | | | |  
DB 45 RQRYLYTDDAQOQTEAH 60

## RESULT 5

US-10-659-004-52

; Sequence 52, Application US/10659004

; Publication No. US20050048507A1

; GENERAL INFORMATION:

; APPLICANT: Zhong et al.

; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD

; FILE REFERENCE: 21402-608

; CURRENT APPLICATION NUMBER: US/10/659,004

; CURRENT FILING DATE: 2003-09-09

; PRIOR APPLICATION NUMBER: 60/295,607

; PRIOR FILING DATE: 2001-06-04

; PRIOR APPLICATION NUMBER: 60/295,661

; PRIOR FILING DATE: 2001-06-04

; PRIOR APPLICATION NUMBER: 60/296,404

; PRIOR FILING DATE: 2001-06-06

; PRIOR APPLICATION NUMBER: 60/296,418

; PRIOR FILING DATE: 2001-06-06

; PRIOR APPLICATION NUMBER: 60/297,414

; PRIOR FILING DATE: 2001-06-11

; PRIOR APPLICATION NUMBER: 60/297,567

; PRIOR FILING DATE: 2001-06-12

; PRIOR APPLICATION NUMBER: 60/298,285

; PRIOR FILING DATE: 2001-06-14

; PRIOR APPLICATION NUMBER: 60/298,556

; PRIOR FILING DATE: 2001-06-15

; PRIOR APPLICATION NUMBER: 60/299,949

; PRIOR FILING DATE: 2001-06-21

; PRIOR APPLICATION NUMBER: 60/300,883

; PRIOR FILING DATE: 2001-06-26

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 187

; SOFTWARE: CuraseqList version 0.1

; SEQ ID NO 52

; LENGTH: 125

; TYPE: PRT

; ORGANISM: Homo sapiens

US-10-659-004-52

Query Match 100.0%; Score 86; DB 5; Length 125;  
Best Local Similarity 100.0%; Pred. No. 1.1e-06;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RQRYLYTDDAQOQTEAH 16  
| | | | | | | | | | | | | | | |  
DB 17 RQRYLYTDDAQOQTEAH 32

## RESULT 6

US-09-901-938-33

; Sequence 33, Application US/09901938

; Patent No. US20020156001A1

; GENERAL INFORMATION:

; APPLICANT: ECONS, Michael

; APPLICANT: WHITE, Kenneth

APPLICANT: STROM, Tim  
APPLICANT: MEITINGER, Thomas  
TITLE OF INVENTION: NOVEL FIBROBLAST GROWTH FACTOR (FGF23) AND METHODS FOR USE  
FILE REFERENCE: 053884-5001  
CURRENT APPLICATION NUMBER: US/09/901,938  
CURRENT FILING DATE: 2001-07-10  
PRIOR APPLICATION NUMBER: 60/219,137  
PRIOR FILING DATE: 2000-07-19  
NUMBER OF SEQ ID NOS: 34  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 33  
LENGTH: 136  
TYPE: PRT  
ORGANISM: Homo Sapiens  
US-09-901-938-33

Query Match 100.0%; Score 86; DB 3; Length 136;  
Best Local Similarity 100.0%; Pred. No. 1.2e-06;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RORYLYTDDAQOQTEAH 16  
Db 7 RORYLYTDDAQOQTEAH 22

RESULT 7  
US-10-379-334-33  
Sequence 33, Application US/10379334  
Publication No. US20030181379A1  
GENERAL INFORMATION:  
APPLICANT: ECONS, Michael  
APPLICANT: WHITE, Kenneth  
APPLICANT: STROM, Tim  
APPLICANT: MEITINGER, Thomas  
TITLE OF INVENTION: NOVEL FIBROBLAST GROWTH FACTOR (FGF23) AND METHODS FOR USE  
CURRENT APPLICATION NUMBER: US/10/379,334  
CURRENT FILING DATE: 2003-03-04  
PRIOR APPLICATION NUMBER: US/09/901,938  
PRIOR FILING DATE: 2001-07-10  
PRIOR APPLICATION NUMBER: 60/219,137  
PRIOR FILING DATE: 2000-07-19  
NUMBER OF SEQ ID NOS: 34  
SOFTWARE: PatentIn version 3.0  
SEQ ID NO 33  
LENGTH: 136  
TYPE: PRT  
ORGANISM: Homo Sapiens  
US-10-379-334-33

Query Match 100.0%; Score 86; DB 4; Length 136;  
Best Local Similarity 100.0%; Pred. No. 1.2e-06;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RORYLYTDDAQOQTEAH 16  
Db 7 RORYLYTDDAQOQTEAH 22

RESULT 8  
US-10-659-004-54  
Sequence 54, Application US/10659004  
Publication No. US20050048507A1  
GENERAL INFORMATION:  
APPLICANT: Zhong et al.  
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD  
FILE REFERENCE: 21402-608  
CURRENT APPLICATION NUMBER: US/10/659,004  
CURRENT FILING DATE: 2003-09-09  
PRIOR APPLICATION NUMBER: 60/295,607  
PRIOR FILING DATE: 2001-06-04  
PRIOR APPLICATION NUMBER: 60/295,661  
PRIOR FILING DATE: 2001-06-04

PRIOR APPLICATION NUMBER: 60/296,404  
PRIOR FILING DATE: 2001-06-06  
PRIOR APPLICATION NUMBER: 60/296,418  
PRIOR FILING DATE: 2001-06-06  
PRIOR APPLICATION NUMBER: 60/297,414  
PRIOR FILING DATE: 2001-06-11  
PRIOR APPLICATION NUMBER: 60/297,567  
PRIOR FILING DATE: 2001-06-12  
PRIOR APPLICATION NUMBER: 60/298,285  
PRIOR FILING DATE: 2001-06-14  
PRIOR APPLICATION NUMBER: 60/298,556  
PRIOR FILING DATE: 2001-06-15  
PRIOR APPLICATION NUMBER: 60/299,949  
PRIOR FILING DATE: 2001-06-21  
PRIOR APPLICATION NUMBER: 60/300,883  
PRIOR FILING DATE: 2001-06-26  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 187  
SOFTWARE: Curaseq1 version 0.1  
SEQ ID NO 54  
LENGTH: 183  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-659-004-54

Query Match 100.0%; Score 86; DB 5; Length 183;  
Best Local Similarity 100.0%; Pred. No. 1.6e-06;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RORYLYTDDAQOQTEAH 16  
Db 17 RORYLYTDDAQOQTEAH 32

RESULT 9  
US-09-755-695-2  
Sequence 2, Application US/09755695  
Patent No. US20020081663A1  
GENERAL INFORMATION:  
APPLICANT: Conklin, Darrell C.  
APPLICANT: Chen, Zhi  
TITLE OF INVENTION: NOVEL FGF HOMOLOG 2FGF11  
FILE REFERENCE: 00-03  
CURRENT APPLICATION NUMBER: US/09/755,695  
CURRENT FILING DATE: 2001-05-11  
PRIOR APPLICATION NUMBER: US 60/174,526  
PRIOR FILING DATE: 2000-01-05  
NUMBER OF SEQ ID NOS: 6  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 2  
LENGTH: 208  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-755-695-2

Query Match 100.0%; Score 86; DB 3; Length 208;  
Best Local Similarity 100.0%; Pred. No. 1.8e-06;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RORYLYTDDAQOQTEAH 16  
Db 44 RORYLYTDDAQOQTEAH 59

RESULT 10  
US-10-227-884-78  
Sequence 78, Application US/10227884  
Publication No. US20030027988A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Deenoyers, Luc  
APPLICANT: Gerritsen, Mary  
APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Smith, Victoria  
APPLICANT: Stephan, Jean-Philippe F.  
APPLICANT: Watanabe, Colin L.  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
TITLE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P3530PIC79  
CURRENT APPLICATION NUMBER: US/10/227,884  
CURRENT FILING DATE: 2002-08-26  
PRIOR FILING DATE: 2002-04-09  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/062287  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/063549  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/064103  
PRIOR FILING DATE: 1997-10-31  
PRIOR APPLICATION NUMBER: 60/069873  
PRIOR FILING DATE: 1997-12-17  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079656  
PRIOR FILING DATE: 1998-03-26  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/081819  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081955  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/082804  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/084441  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/086392  
PRIOR FILING DATE: 1998-05-22  
PRIOR APPLICATION NUMBER: 60/089532  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089538  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089905  
PRIOR FILING DATE: 1998-06-18  
PRIOR APPLICATION NUMBER: 60/090472  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090557  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090691  
PRIOR FILING DATE: 1998-06-25  
PRIOR APPLICATION NUMBER: 60/090695  
PRIOR FILING DATE: 1998-06-25  
PRIOR APPLICATION NUMBER: 60/091982  
PRIOR FILING DATE: 1998-07-07  
PRIOR APPLICATION NUMBER: 60/095302  
PRIOR FILING DATE: 1998-08-04  
PRIOR APPLICATION NUMBER: 60/095318  
PRIOR FILING DATE: 1998-08-04  
PRIOR APPLICATION NUMBER: 60/095916  
PRIOR FILING DATE: 1998-08-10  
PRIOR APPLICATION NUMBER: 60/096146  
PRIOR FILING DATE: 1998-08-11  
PRIOR APPLICATION NUMBER: 60/096791  
PRIOR FILING DATE: 1998-08-17  
PRIOR APPLICATION NUMBER: 60/097986  
PRIOR FILING DATE: 1998-08-26  
PRIOR APPLICATION NUMBER: 60/098544  
PRIOR FILING DATE: 1998-08-31  
PRIOR APPLICATION NUMBER: 60/099596  
PRIOR FILING DATE: 1998-09-09  
PRIOR APPLICATION NUMBER: 60/099598  
PRIOR FILING DATE: 1998-09-09  
PRIOR APPLICATION NUMBER: 60/099803  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/099811  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/099812  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/099816  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/100038  
PRIOR FILING DATE: 1998-09-11  
PRIOR APPLICATION NUMBER: 60/100385  
PRIOR FILING DATE: 1998-09-15  
PRIOR APPLICATION NUMBER: 60/100390  
PRIOR FILING DATE: 1998-09-15  
PRIOR APPLICATION NUMBER: 60/100627  
PRIOR FILING DATE: 1998-09-16  
PRIOR APPLICATION NUMBER: 60/100848  
PRIOR FILING DATE: 1998-09-18  
PRIOR APPLICATION NUMBER: 60/100919  
PRIOR FILING DATE: 1998-09-17  
PRIOR APPLICATION NUMBER: 60/101477  
PRIOR FILING DATE: 1998-09-23  
PRIOR APPLICATION NUMBER: 60/101738  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/101741  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/101786  
PRIOR FILING DATE: 1998-09-25  
PRIOR APPLICATION NUMBER: 60/101916  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/101922  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/106178  
PRIOR FILING DATE: 1998-10-28  
PRIOR APPLICATION NUMBER: 60/106248  
PRIOR FILING DATE: 1998-10-29  
PRIOR APPLICATION NUMBER: 60/106464  
PRIOR FILING DATE: 1998-10-30  
PRIOR APPLICATION NUMBER: 60/106905  
PRIOR FILING DATE: 1998-11-03  
PRIOR APPLICATION NUMBER: 60/108787  
PRIOR FILING DATE: 1998-11-17  
PRIOR APPLICATION NUMBER: 60/108801  
PRIOR FILING DATE: 1998-11-17  
PRIOR APPLICATION NUMBER: 60/108849  
PRIOR FILING DATE: 1998-11-18  
PRIOR APPLICATION NUMBER: 60/112422  
PRIOR FILING DATE: 1998-12-15  
PRIOR APPLICATION NUMBER: 60/113296  
PRIOR FILING DATE: 1998-12-22  
PRIOR APPLICATION NUMBER: 60/113605  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113621  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/115558  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/115565  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/115733  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/119549  
PRIOR FILING DATE: 1999-02-10  
PRIOR APPLICATION NUMBER: 60/123618  
PRIOR FILING DATE: 1999-03-10  
PRIOR APPLICATION NUMBER: 60/125259  
PRIOR FILING DATE: 1999-03-19

PRIOR APPLICATION NUMBER: 60/125775  
PRIOR FILING DATE: 1999-03-23  
PRIOR APPLICATION NUMBER: 60/126773  
PRIOR FILING DATE: 1999-03-29  
PRIOR APPLICATION NUMBER: 60/127887  
PRIOR FILING DATE: 1999-04-05  
PRIOR APPLICATION NUMBER: 60/130232  
PRIOR FILING DATE: 1999-04-21  
PRIOR APPLICATION NUMBER: 60/131022  
PRIOR FILING DATE: 1999-04-26  
PRIOR APPLICATION NUMBER: 60/131270  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131291  
PRIOR FILING DATE: 1999-04-27  
PRIOR APPLICATION NUMBER: 60/131445  
PRIOR FILING DATE: 1999-04-28  
PRIOR APPLICATION NUMBER: 60/134287  
PRIOR FILING DATE: 1999-05-14  
PRIOR APPLICATION NUMBER: 60/140650  
PRIOR FILING DATE: 1999-06-22  
PRIOR APPLICATION NUMBER: 60/140723  
PRIOR FILING DATE: 1999-06-22  
PRIOR APPLICATION NUMBER: 60/141037  
PRIOR FILING DATE: 1999-06-23  
PRIOR APPLICATION NUMBER: 60/144758  
PRIOR FILING DATE: 1999-07-20  
PRIOR APPLICATION NUMBER: 60/145698  
PRIOR FILING DATE: 1999-07-26  
PRIOR APPLICATION NUMBER: 60/146222  
PRIOR FILING DATE: 1999-07-28  
PRIOR APPLICATION NUMBER: 60/146963  
PRIOR FILING DATE: 1999-08-03  
PRIOR APPLICATION NUMBER: 60/149320  
PRIOR FILING DATE: 1999-08-17  
PRIOR APPLICATION NUMBER: 60/149638  
PRIOR FILING DATE: 1999-08-17  
PRIOR APPLICATION NUMBER: 60/151733  
PRIOR FILING DATE: 1999-08-31  
PRIOR APPLICATION NUMBER: 60/164418  
PRIOR FILING DATE: 1999-11-09  
PRIOR APPLICATION NUMBER: 60/166361  
PRIOR FILING DATE: 1999-11-16  
PRIOR APPLICATION NUMBER: 60/169445  
PRIOR FILING DATE: 1999-12-07  
PRIOR APPLICATION NUMBER: 60/169495  
PRIOR FILING DATE: 1999-12-07  
PRIOR APPLICATION NUMBER: 60/169835

Query Match 100.0%; Score 86; DB 4; Length 208;

Best Local Similarity 100.0%; Pred. No. 1.8e-06;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RQRYLYTDDAQOTEAH 16

Db 44 RQRYLYTDDAQOTEAH 59

RESULT 11

US-10-230-163-78  
Sequence 78, Application US/10230163  
Publication No. US20030036635A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Desnoyers, Luc  
APPLICANT: Gerritsen, Mary  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Smith, Victoria  
APPLICANT: Stephan, Jean-Philippe F.  
APPLICANT: Watanabe, Colin L.  
APPLICANT: Wood, William I.

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3530F1C96  
CURRENT APPLICATION NUMBER: US/10/230,163  
CURRENT FILING DATE: 2002-08-28  
PRIOR APPLICATION NUMBER: 10/119,480  
PRIOR FILING DATE: 2002-04-09  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/062287  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/063549  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/064103  
PRIOR FILING DATE: 1997-10-31  
PRIOR APPLICATION NUMBER: 60/069873  
PRIOR FILING DATE: 1997-12-17  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079656  
PRIOR FILING DATE: 1998-03-26  
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PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081955  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/082804  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/084441  
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PRIOR FILING DATE: 1998-06-18  
PRIOR APPLICATION NUMBER: 60/090472  
PRIOR FILING DATE: 1998-06-24  
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PRIOR FILING DATE: 1998-06-24  
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PRIOR FILING DATE: 1998-06-25  
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PRIOR APPLICATION NUMBER: 60/095318  
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PRIOR FILING DATE: 1998-08-31  
PRIOR APPLICATION NUMBER: 60/099596  
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;; PRIOR APPLICATION NUMBER: 60/099803  
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;; PRIOR APPLICATION NUMBER: 60/100385  
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;; PRIOR APPLICATION NUMBER: 60/108787  
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;; PRIOR FILING DATE: 1999-02-10  
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;; PRIOR APPLICATION NUMBER: 60/125775  
;; PRIOR FILING DATE: 1999-03-23  
;; PRIOR APPLICATION NUMBER: 60/126773  
;; PRIOR FILING DATE: 1999-03-29  
;; PRIOR APPLICATION NUMBER: 60/127887  
;; PRIOR FILING DATE: 1999-04-05  
;; PRIOR APPLICATION NUMBER: 60/130232

;; PRIOR FILING DATE: 1999-04-21  
;; PRIOR APPLICATION NUMBER: 60/131022  
;; PRIOR FILING DATE: 1999-04-26  
;; PRIOR APPLICATION NUMBER: 60/131270  
;; PRIOR FILING DATE: 1999-04-27  
;; PRIOR APPLICATION NUMBER: 60/131291  
;; PRIOR FILING DATE: 1999-04-27  
;; PRIOR APPLICATION NUMBER: 60/131445  
;; PRIOR FILING DATE: 1999-04-28  
;; PRIOR APPLICATION NUMBER: 60/134287  
;; PRIOR FILING DATE: 1999-05-14  
;; PRIOR APPLICATION NUMBER: 60/140650  
;; PRIOR FILING DATE: 1999-06-22  
;; PRIOR APPLICATION NUMBER: 60/140723  
;; PRIOR FILING DATE: 1999-06-22  
;; PRIOR APPLICATION NUMBER: 60/141037  
;; PRIOR FILING DATE: 1999-06-23  
;; PRIOR APPLICATION NUMBER: 60/144758  
;; PRIOR FILING DATE: 1999-07-20  
;; PRIOR APPLICATION NUMBER: 60/145698  
;; PRIOR FILING DATE: 1999-07-26  
;; PRIOR APPLICATION NUMBER: 60/146222  
;; PRIOR FILING DATE: 1999-07-28  
;; PRIOR APPLICATION NUMBER: 60/146963  
;; PRIOR FILING DATE: 1999-08-03  
;; PRIOR APPLICATION NUMBER: 60/149320  
;; PRIOR FILING DATE: 1999-08-17  
;; PRIOR APPLICATION NUMBER: 60/149638  
;; PRIOR FILING DATE: 1999-08-17  
;; PRIOR APPLICATION NUMBER: 60/151733  
;; PRIOR FILING DATE: 1999-08-31  
;; PRIOR APPLICATION NUMBER: 60/164418  
;; PRIOR FILING DATE: 1999-11-09  
;; PRIOR APPLICATION NUMBER: 60/166361  
;; PRIOR FILING DATE: 1999-11-16  
;; PRIOR APPLICATION NUMBER: 60/169445  
;; PRIOR FILING DATE: 1999-12-07  
;; PRIOR APPLICATION NUMBER: 60/169495  
;; PRIOR FILING DATE: 1999-12-07  
;; PRIOR APPLICATION NUMBER: 60/169835

Query Match 100.0%; Score 86; DB 4; Length 208;  
Best Local Similarity 100.0%; Pred. No. 1.8e-06;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RQRYLYTDDAQTEAH 16  
|||||||  
Db 44 RQRYLYTDDAQTEAH 59

## RESULT 12

US-10-230-338-78  
; Sequence 78, Application US/10230338  
; Publication No. US20030044934M1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530P1C92  
; CURRENT APPLICATION NUMBER: US/10/230,338  
; CURRENT FILING DATE: 2002-08-28  
; PRIOR APPLICATION NUMBER: 10/119,480  
; PRIOR FILING DATE: 2002-04-09

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Query Match      100.0%; Score 86; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 1.8e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 RORYLYTDDAQOQTEAH 16  
Db 44 RORYLYTDDAQOQTEAH 59

## RESULT 15

US-10-232-224-78  
; Sequence 78, Application US/10232224  
; Publication No. US20030065147A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530PIC11  
; CURRENT FILING DATE: 2002-08-29  
; PRIOR FILING DATE: 2002-04-09  
; PRIOR FILING DATE: 2002-04-09  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR FILING DATE: 1998-03-27  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 246  
; SEQ ID NO 78  
; LENGTH: 208  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-232-224-78

Query Match 100.0%; Score 86; DB 4; Length 208;  
Best Local Similarity 100.0%; Pred. No. 1.8e-06;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RORYLYTDDAQOQTEAH 16  
Db 44 RORYLYTDDAQOQTEAH 59

## RESULT 16

US-10-216-159A-78  
; Sequence 78, Application US/10216159A  
; Publication No. US20030069397A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530PIC11  
; CURRENT FILING DATE: 2002-08-12  
; PRIOR FILING DATE: 2002-08-12  
; Remaining Prior Application data removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 246  
; SEQ ID NO 78  
; LENGTH: 208

; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530PIC6  
; CURRENT FILING DATE: 2002-08-09  
; PRIOR FILING DATE: 2002-04-09  
; PRIOR FILING DATE: 2002-04-09  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR FILING DATE: 1998-03-27  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 246  
; SEQ ID NO 78  
; LENGTH: 208  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-216-159A-78

Query Match 100.0%; Score 86; DB 4; Length 208;  
Best Local Similarity 100.0%; Pred. No. 1.8e-06;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RORYLYTDDAQOQTEAH 16  
Db 44 RORYLYTDDAQOQTEAH 59

## RESULT 17

US-10-218-849-78  
; Sequence 78, Application US/10218849  
; Publication No. US20030073814A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530PIC11  
; CURRENT FILING DATE: 2002-08-12  
; PRIOR FILING DATE: 2002-08-12  
; Remaining Prior Application data removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 246  
; SEQ ID NO 78  
; LENGTH: 208



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; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-218-849-78

Query Match      100.0%; Score 86; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 1.8e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RORYLYTDDAQQTEAH 16
Db 44 RORYLYTDDAQQTEAH 59

RESULT 18
US-10-227-873-78
; Sequence 78, Application US/10227873
; Publication No. US20030073816A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Stephan, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3530P1C72
; CURRENT APPLICATION NUMBER: US/10/227,873
; CURRENT FILING DATE: 2002-08-26
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/083323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/086392
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089905
; PRIOR FILING DATE: 1998-11-03
; PRIOR APPLICATION NUMBER: 60/108787
; PRIOR FILING DATE: 1998-11-17
; PRIOR APPLICATION NUMBER: 60/108801
; PRIOR FILING DATE: 1998-11-17
; PRIOR APPLICATION NUMBER: 60/090472
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/090557
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090691
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090695
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/095302
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/095318
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/095916
; PRIOR FILING DATE: 1998-08-10
; PRIOR APPLICATION NUMBER: 60/096146
; PRIOR FILING DATE: 1998-08-11
; PRIOR APPLICATION NUMBER: 60/096791
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 60/097986
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: 60/098544
; PRIOR FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
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; PRIOR APPLICATION NUMBER: 60/100919
; PRIOR FILING DATE: 1998-09-17
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; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101738
; PRIOR FILING DATE: 1998-09-24
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; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101786
; PRIOR FILING DATE: 1998-09-25
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; PRIOR APPLICATION NUMBER: 60/101922
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; PRIOR APPLICATION NUMBER: 60/106178
; PRIOR FILING DATE: 1998-10-28
; PRIOR APPLICATION NUMBER: 60/106248
; PRIOR FILING DATE: 1998-10-29
; PRIOR APPLICATION NUMBER: 60/106464
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; PRIOR APPLICATION NUMBER: 60/108787
; PRIOR FILING DATE: 1998-11-17
; PRIOR APPLICATION NUMBER: 60/108801
; PRIOR FILING DATE: 1998-11-17
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;; PRIOR APPLICATION NUMBER: 60/108849  
;; PRIOR FILING DATE: 1998-11-18  
;; PRIOR APPLICATION NUMBER: 60/112422  
;; PRIOR FILING DATE: 1998-12-15  
;; PRIOR APPLICATION NUMBER: 60/113296  
;; PRIOR FILING DATE: 1998-12-22  
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;; PRIOR FILING DATE: 1998-12-23  
;; PRIOR APPLICATION NUMBER: 60/115558  
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;; PRIOR APPLICATION NUMBER: 60/115565  
;; PRIOR FILING DATE: 1999-01-12  
;; PRIOR APPLICATION NUMBER: 60/115733  
;; PRIOR FILING DATE: 1999-01-12  
;; PRIOR APPLICATION NUMBER: 60/119549  
;; PRIOR FILING DATE: 1999-02-10  
;; PRIOR APPLICATION NUMBER: 60/123618  
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;; PRIOR APPLICATION NUMBER: 60/125259  
;; PRIOR FILING DATE: 1999-03-19  
;; PRIOR APPLICATION NUMBER: 60/125775  
;; PRIOR FILING DATE: 1999-03-23  
;; PRIOR APPLICATION NUMBER: 60/126773  
;; PRIOR FILING DATE: 1999-03-29  
;; PRIOR APPLICATION NUMBER: 60/127887  
;; PRIOR FILING DATE: 1999-04-05  
;; PRIOR APPLICATION NUMBER: 60/130232  
;; PRIOR FILING DATE: 1999-04-21  
;; PRIOR APPLICATION NUMBER: 60/131022  
;; PRIOR FILING DATE: 1999-04-26  
;; PRIOR APPLICATION NUMBER: 60/131270  
;; PRIOR FILING DATE: 1999-04-27  
;; PRIOR APPLICATION NUMBER: 60/131291  
;; PRIOR FILING DATE: 1999-04-27  
;; PRIOR APPLICATION NUMBER: 60/131445  
;; PRIOR FILING DATE: 1999-04-28  
;; PRIOR APPLICATION NUMBER: 60/134287  
;; PRIOR FILING DATE: 1999-05-14  
;; PRIOR APPLICATION NUMBER: 60/140650  
;; PRIOR FILING DATE: 1999-06-22  
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;; PRIOR FILING DATE: 1999-06-22  
;; PRIOR APPLICATION NUMBER: 60/141037  
;; PRIOR FILING DATE: 1999-06-23  
;; PRIOR APPLICATION NUMBER: 60/144758  
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;; PRIOR APPLICATION NUMBER: 60/145698  
;; PRIOR FILING DATE: 1999-07-26  
;; PRIOR APPLICATION NUMBER: 60/146222  
;; PRIOR FILING DATE: 1999-07-28  
;; PRIOR APPLICATION NUMBER: 60/146963  
;; PRIOR FILING DATE: 1999-08-03  
;; PRIOR APPLICATION NUMBER: 60/149320  
;; PRIOR FILING DATE: 1999-08-17  
;; PRIOR APPLICATION NUMBER: 60/149638  
;; PRIOR FILING DATE: 1999-08-17  
;; PRIOR APPLICATION NUMBER: 60/151733  
;; PRIOR FILING DATE: 1999-08-31  
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;; PRIOR FILING DATE: 1999-11-09  
;; PRIOR APPLICATION NUMBER: 60/166361  
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;; PRIOR APPLICATION NUMBER: 60/169445  
;; PRIOR FILING DATE: 1999-12-07  
;; PRIOR APPLICATION NUMBER: 60/169495  
;; PRIOR FILING DATE: 1999-12-07  
;; PRIOR APPLICATION NUMBER: 60/169835

Query Match 100.0%; Score 86; DB 4; Length 208;  
Best Local Similarity 100.0%; Pred. No. 1.8e-06;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RQRYLYTDDAQOQTEAH 16  
DB 44 RQRYLYTDDAQOQTEAH 59

## RESULT 19

US-10-227-883-78  
; Sequence 78, Application US/10227883  
; Publication No. US20030073817A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Deanovers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530P1C78  
; CURRENT APPLICATION NUMBER: US/10/227,883  
; CURRENT FILING DATE: 2002-08-26  
; PRIOR APPLICATION NUMBER: 10/119,480  
; PRIOR FILING DATE: 2002-04-09  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
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; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/069873  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
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; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081955  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/082804  
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; PRIOR APPLICATION NUMBER: 60/084441  
; PRIOR FILING DATE: 1998-05-06  
; PRIOR APPLICATION NUMBER: 60/085323  
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; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/086392  
; PRIOR FILING DATE: 1998-05-22  
; PRIOR APPLICATION NUMBER: 60/089532  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089538  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089905  
; PRIOR FILING DATE: 1998-06-18  
; PRIOR APPLICATION NUMBER: 60/090472  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090557  
; PRIOR FILING DATE: 1998-06-24  
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 / PRIOR FILING DATE: 1998-06-25  
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 / PRIOR FILING DATE: 1998-08-11  
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 / PRIOR APPLICATION NUMBER: 60/098544  
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 / PRIOR APPLICATION NUMBER: 60/100038  
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 / PRIOR APPLICATION NUMBER: 60/100390  
 / PRIOR FILING DATE: 1998-09-15  
 / PRIOR APPLICATION NUMBER: 60/100627  
 / PRIOR FILING DATE: 1998-09-16  
 / PRIOR APPLICATION NUMBER: 60/100848  
 / PRIOR FILING DATE: 1998-09-18  
 / PRIOR APPLICATION NUMBER: 60/100919  
 / PRIOR FILING DATE: 1998-09-17  
 / PRIOR APPLICATION NUMBER: 60/101477  
 / PRIOR FILING DATE: 1998-09-23  
 / PRIOR APPLICATION NUMBER: 60/101738  
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 / PRIOR FILING DATE: 1998-09-24  
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 / PRIOR FILING DATE: 1998-09-24  
 / PRIOR APPLICATION NUMBER: 60/101922  
 / PRIOR FILING DATE: 1998-09-24  
 / PRIOR APPLICATION NUMBER: 60/106178  
 / PRIOR FILING DATE: 1998-10-28  
 / PRIOR APPLICATION NUMBER: 60/106248  
 / PRIOR FILING DATE: 1998-10-29  
 / PRIOR APPLICATION NUMBER: 60/106464  
 / PRIOR FILING DATE: 1998-10-30  
 / PRIOR APPLICATION NUMBER: 60/106905  
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 / PRIOR FILING DATE: 1999-03-29  
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 / PRIOR APPLICATION NUMBER: 60/131445  
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 / PRIOR APPLICATION NUMBER: 60/134287  
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 / PRIOR APPLICATION NUMBER: 60/169445  
 / PRIOR FILING DATE: 1999-12-07  
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 / PRIOR FILING DATE: 1999-12-07  
 / PRIOR APPLICATION NUMBER: 60/169835

Query Match 100.0%; Score 86; DB 4; Length:208;  
 Best Local Similarity 100.0%; Pred. No. 1.8e-06;  
 Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RQRVLYTDDAQQTAAH 16  
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 Db 44 RQRVLYTDDAQQTAAH 59

RESULT 20

US-10-219-076-78  
; Sequence 78, Application US/10219076  
; Publication No. US20030078379A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530P1G62  
; CURRENT APPLICATION NUMBER: US/10/219,076  
; CURRENT FILING DATE: 2002-08-14  
; PRIOR APPLICATION NUMBER: 10/119,480  
; PRIOR FILING DATE: 2002-04-09  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
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; PRIOR FILING DATE: 1997-12-17  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
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; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/081819  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081955  
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; PRIOR APPLICATION NUMBER: 60/082804  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/084441  
; PRIOR FILING DATE: 1998-05-06  
; PRIOR APPLICATION NUMBER: 60/085323  
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; PRIOR APPLICATION NUMBER: 60/085579  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/086392  
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; PRIOR APPLICATION NUMBER: 60/096146  
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; PRIOR FILING DATE: 1998-08-31  
; PRIOR APPLICATION NUMBER: 60/099596  
; PRIOR FILING DATE: 1998-09-09  
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; PRIOR FILING DATE: 1998-09-09

US-10-219-076-78  
; Sequence 78, Application US/10219076  
; Publication No. US20030078379A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530P1G62  
; CURRENT APPLICATION NUMBER: US/10/219,076  
; CURRENT FILING DATE: 2002-08-14  
; PRIOR APPLICATION NUMBER: 10/119,480  
; PRIOR FILING DATE: 2002-04-09  
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; PRIOR FILING DATE: 1998-08-26  
; PRIOR APPLICATION NUMBER: 60/098544  
; PRIOR FILING DATE: 1998-08-31  
; PRIOR APPLICATION NUMBER: 60/099596  
; PRIOR FILING DATE: 1998-09-09  
; PRIOR APPLICATION NUMBER: 60/099598  
; PRIOR FILING DATE: 1998-09-09

Query Match 100.0%; Score 86; DB 4; Length 208;  
Best Local Similarity 100.0%; Pred. No. 1.8e-06;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 RORYLYTDDAQQTAAH 16  
Db 44 RORYLYTDDAQQTAAH 59

RESULT 21  
US-10-230-434-78  
; Sequence 78, Application US/10230434  
; Publication No. US20030078380A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.

;; PRIOR APPLICATION NUMBER: 60/099803  
;; PRIOR FILING DATE: 1998-09-10  
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;; PRIOR FILING DATE: 1999-12-07  
;; PRIOR APPLICATION NUMBER: 60/169835

Query Match 100.0%; Score 86; DB 4; Length 208;  
Best Local Similarity 100.0%; Pred. No. 1.8e-06;  
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RQRYLYTDDAQQTAAH 16  
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DB 44 RQRYLYTDDAQQTAAH 59

## RESULT 22

US-10-219-003-78  
; Sequence 78, Application US/10219003  
; Publication No. US20030088063A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530P1C12  
; CURRENT APPLICATION NUMBER: US/10/219,003  
; CURRENT FILING DATE: 2002-08-12  
; PRIOR APPLICATION NUMBER: 10/119,480  
; PRIOR FILING DATE: 2002-04-09

PRIOR APPLICATION NUMBER: 60/059113	PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/062287	PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063549	PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/064103	PRIOR FILING DATE: 1997-10-31
PRIOR APPLICATION NUMBER: 60/069873	PRIOR FILING DATE: 1997-12-17
PRIOR APPLICATION NUMBER: 60/078910	PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294	PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656	PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079728	PRIOR FILING DATE: 1998-03-27
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PRIOR APPLICATION NUMBER: 60/082804	PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/084441	PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/085323	PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085579	PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/086392	PRIOR FILING DATE: 1998-05-22
PRIOR APPLICATION NUMBER: 60/089532	PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/090472	PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/089538	PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089905	PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/090472	PRIOR FILING DATE: 1998-06-24
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PRIOR APPLICATION NUMBER: 60/095302	PRIOR FILING DATE: 1998-08-04
PRIOR APPLICATION NUMBER: 60/095318	PRIOR FILING DATE: 1998-08-04
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PRIOR APPLICATION NUMBER: 60/096146	PRIOR FILING DATE: 1998-08-11
PRIOR APPLICATION NUMBER: 60/096791	PRIOR FILING DATE: 1998-08-17
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PRIOR APPLICATION NUMBER: 60/099596	PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598	PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099803	PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099811	PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099812	PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099816	PRIOR FILING DATE: 1998-09-10

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; PRIOR APPLICATION NUMBER: 60/131445
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 60/134287
; PRIOR FILING DATE: 1999-05-14
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; PRIOR APPLICATION NUMBER: 60/146222
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; PRIOR APPLICATION NUMBER: 60/146963
; PRIOR FILING DATE: 1999-08-03
; PRIOR APPLICATION NUMBER: 60/149320
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; PRIOR APPLICATION NUMBER: 60/149638
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; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169495
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169835
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Query Match      100.0%; Score 86; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 1.8e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      1 RORYLYTDDAQOTEAH 16
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Db      44 RORYLYTDDAQOTEAH 59
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## RESULT 23

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US-10-219-075-78
; Sequence 78, Application US/10219075
; Publication No. US20030088064A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC61
; CURRENT APPLICATION NUMBER: US/10/219,075
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 78
; LENGTH: 208
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; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 78
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-075-78
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Query Match      100.0%; Score 86; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 1.8e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1 RORYLYTDDAQOTEAH 16
        |||||
Db      44 RORYLYTDDAQOTEAH 59
```

## RESULT 24

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US-10-219-464-78
; Sequence 78, Application US/10219464
; Publication No. US20030088065A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC57
; CURRENT APPLICATION NUMBER: US/10/219,464
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 78
; LENGTH: 208
```

```
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-464-78

Query Match      100.0%; Score 86; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 1.8e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RORYLYTDDAQOTEAH 16
Db 44 RORYLYTDDAQOTEAH 59

RESULT 25
US-10-219-466-78
; Sequence 78, Application US/10219466
; Publication No. US20030088066A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Deshoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC47
; CURRENT APPLICATION NUMBER: US/10/219,466
; CURRENT FILING DATE: 2002-08-13
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 78
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-466-78

Query Match      100.0%; Score 86; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 1.8e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RORYLYTDDAQOTEAH 16
Db 44 RORYLYTDDAQOTEAH 59
```





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; CURRENT FILING DATE: 2005-03-16
; PRIOR APPLICATION NUMBER: US 09/603024
; PRIOR FILING DATE: 2000-06-23
; PRIOR APPLICATION NUMBER: US 60/141031
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: US 60/143262
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: US 60/151281
; PRIOR FILING DATE: 1999-08-27
; PRIOR APPLICATION NUMBER: DE 19930487.4
; PRIOR FILING DATE: 1999-07-01
; PRIOR APPLICATION NUMBER: DE 19930489.0
; PRIOR FILING DATE: 1999-07-01
; PRIOR APPLICATION NUMBER: DE 19931549.3
; PRIOR FILING DATE: 1999-07-08
; PRIOR APPLICATION NUMBER: DE 19931550.7
; PRIOR FILING DATE: 1999-07-08
; PRIOR APPLICATION NUMBER: DE 19932134.5
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: DE 19941379.7
; PRIOR FILING DATE: 1999-08-31
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 446
; SEQ ID NO 258
; LENGTH: 373
; TYPE: PRT
; ORGANISM: Corynebacterium glutamicum
US-11-082-389-258

Query Match 45.3%; Score 39; DB 7; Length 373;
Best Local Similarity 63.8%; Pred. No. 11;
Matches 7; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 5 LYTDAAQTEA 15
DB 311 LYADDSQETAA 321

RESULT 3
US-10-793-626-1396
; Sequence 1396, Application US/10793626
; Publication No. US20050255478A1
; GENERAL INFORMATION:
; APPLICANT: KIMMERLY, WILLIAM JOHN
; TITLE OF INVENTION: STAPHYLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS
; FILE REFERENCE: PU3480US
; CURRENT APPLICATION NUMBER: US/10/793,626
; CURRENT FILING DATE: 2004-03-04
; PRIOR APPLICATION NUMBER: 60/164,258
; PRIOR FILING DATE: 1999-11-09
; NUMBER OF SEQ ID NOS: 4472
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1396
; LENGTH: 301
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: amino acid sequence
US-10-793-626-1396

Query Match 44.2%; Score 38; DB 6; Length 301;
Best Local Similarity 60.0%; Pred. No. 13;
Matches 6; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 7 TDAAQTEAH 16
DB 266 TDDTEXTKAH 275

RESULT 4
US-10-793-626-2206
; Sequence 2206, Application US/10793626
; Publication No. US20050255478A1
; GENERAL INFORMATION:
; APPLICANT: KIMMERLY, WILLIAM JOHN
; TITLE OF INVENTION: STAPHYLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS
; FILE REFERENCE: PU3480US
; CURRENT APPLICATION NUMBER: US/10/793,626
; CURRENT FILING DATE: 2004-03-04
; PRIOR APPLICATION NUMBER: 60/164,258
; PRIOR FILING DATE: 1999-11-09
; NUMBER OF SEQ ID NOS: 4472
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2206
; LENGTH: 219
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: amino acid sequence
US-10-793-626-2206

Query Match 43.0%; Score 37; DB 6; Length 219;
Best Local Similarity 57.1%; Pred. No. 14;
Matches 8; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 1 RQVLYTDDAQTE 14
DB 175 RQVLYHEDATLINE 188

RESULT 5
US-11-127-877-71
; Sequence 71, Application US/11127877
; Publication No. US20050287565A1
; GENERAL INFORMATION:
; APPLICANT: Merchiers, Pascal G.
; APPLICANT: Hoffmann, Marcel
; APPLICANT: Spittaels, Koenraad F. F.
; APPLICANT: Laenen, Wendy
; TITLE OF INVENTION: Methods, Compositions and Compound Assays For Inhibiting Amyloid-Beta Protein Production
; FILE REFERENCE: P27,800-B USA
; CURRENT APPLICATION NUMBER: US/11/127,877
; CURRENT FILING DATE: 2005-05-12
; PRIOR APPLICATION NUMBER: 60/570,352
; PRIOR FILING DATE: 2004-05-12
; PRIOR APPLICATION NUMBER: 60/603,948
; PRIOR FILING DATE: 2004-08-24
; NUMBER OF SEQ ID NOS: 590
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 71
; LENGTH: 605
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-127-877-71

Query Match 43.0%; Score 37; DB 7; Length 605;
Best Local Similarity 54.5%; Pred. No. 42;
Matches 6; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 6 YTDAAQTEAH 16
DB 11 YTESARYTDAH 21

RESULT 6
US-10-485-517-401
; Sequence 401, Application US/10485517
; Publication No. US20050256299A1
; GENERAL INFORMATION:
; APPLICANT: University of Sheffield
; APPLICANT: Biosynexus Incorporated
; APPLICANT: Foster, Simon
; APPLICANT: Mond, James

```

; TITLE OF INVENTION: Antigenic Polypeptides  
; FILE REFERENCE: P100629NO  
; CURRENT APPLICATION NUMBER: US/10/485,517  
; CURRENT FILING DATE: 2004-02-02  
; PRIOR APPLICATION NUMBER: GB 0118825.9  
; PRIOR FILING DATE: 2001-08-02  
; PRIOR APPLICATION NUMBER: GB 0200349.9  
; PRIOR FILING DATE: 2002-01-09  
; NUMBER OF SEQ ID NOS: 424  
; SOFTWARE: Patentin version 3.1  
; SEQ ID NO 401  
; LENGTH: 769  
; TYPE: PRT  
; ORGANISM: Staphylococcus epidermidis  
US-10-485-517-401

Query Match 43.0%; Score 37; DB 6; Length 769;  
Best Local Similarity 43.8%; Pred. No. 55;  
Matches 7; Conservative 4; Mismatches 5; Indels 0; Gaps 0;

QY 1 RQRYLYTDDAQQTAEH 16  
Db 63 KQSLSTDDANQQTN 78

RESULT 7  
US-10-467-657-4758  
; Sequence 4758, Application US/10467657  
; Publication No. US20050260581A1  
; GENERAL INFORMATION:  
; APPLICANT: CHIRON SPA  
; APPLICANT: FONTANA Maria Rita  
; APPLICANT: PIZZA Mariagrazia  
; APPLICANT: MASIGNANI Vega  
; APPLICANT: MONACI Elisabetta  
; TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS  
; FILE REFERENCE:  
; CURRENT APPLICATION NUMBER: US/10/467,657  
; CURRENT FILING DATE: 2003-08-11  
; PRIOR APPLICATION NUMBER: GB-0103424.8  
; PRIOR FILING DATE: 2001-02-12  
; NUMBER OF SEQ ID NOS: 9218  
; SOFTWARE: SeqWin99, version 1.04  
; SEQ ID NO 4758  
; LENGTH: 690  
; TYPE: PRT  
; ORGANISM: Neisseria gonorrhoeae  
US-10-467-657-4758

Query Match 41.9%; Score 36; DB 6; Length 690;  
Best Local Similarity 53.8%; Pred. No. 73;  
Matches 7; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 1 RQRYLYTDDAQQT 13  
Db 224 RLRYLLVDECDT 236

RESULT 8  
US-10-793-626-2582  
; Sequence 2582, Application US/10793626  
; Publication No. US20050255478A1  
; GENERAL INFORMATION:  
; APPLICANT: KIMMERLY, WILLIAM JOHN  
; TITLE OF INVENTION: STAPHYLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS  
; FILE REFERENCE: PU3480US  
; CURRENT APPLICATION NUMBER: US/10/793,626  
; CURRENT FILING DATE: 2004-03-04  
; PRIOR APPLICATION NUMBER: 60/164,258  
; PRIOR FILING DATE: 1999-11-09  
; NUMBER OF SEQ ID NOS: 4472  
; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 2582

; LENGTH: 130  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: synthetic  
; OTHER INFORMATION: amino acid sequence  
US-10-793-626-2582

Query Match 40.7%; Score 35; DB 6; Length 130;  
Best Local Similarity 40.0%; Pred. No. 18;  
Matches 6; Conservative 3; Mismatches 6; Indels 0; Gaps 0;

QY 2 QRYLYTDDAQQTAEH 16  
Db 28 QRYTFHDLGEMDNH 42

RESULT 9  
US-10-467-657-3018  
; Sequence 3018, Application US/10467657  
; Publication No. US20050260581A1  
; GENERAL INFORMATION:  
; APPLICANT: CHIRON SPA  
; APPLICANT: FONTANA Maria Rita  
; APPLICANT: PIZZA Mariagrazia  
; APPLICANT: MASIGNANI Vega  
; APPLICANT: MONACI Elisabetta  
; TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS  
; FILE REFERENCE:  
; CURRENT APPLICATION NUMBER: US/10/467,657  
; CURRENT FILING DATE: 2003-08-11  
; PRIOR APPLICATION NUMBER: GB-0103424.8  
; PRIOR FILING DATE: 2001-02-12  
; NUMBER OF SEQ ID NOS: 9218  
; SOFTWARE: SeqWin99, version 1.04  
; SEQ ID NO 3018  
; LENGTH: 339  
; TYPE: PRT  
; ORGANISM: Neisseria gonorrhoeae  
US-10-467-657-3018

Query Match 40.7%; Score 35; DB 6; Length 339;  
Best Local Similarity 46.2%; Pred. No. 50;  
Matches 6; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 4 YLYTDDAQQTAEH 16  
Db 210 YRYPDDTDPSEIH 222

RESULT 10  
US-11-194-246-296  
; Sequence 296, Application US/11194246  
; Publication No. US20050272089A1  
; GENERAL INFORMATION:  
; APPLICANT: Mott, John  
; APPLICANT: Trepod, Catherine  
; APPLICANT: Arvidson, Staffan  
; TITLE OF INVENTION: CRITICAL GENES AND POLYPEPTIDES OF HAEMOPHILUS INFLUENZAE AND ME  
; TITLE OF INVENTION: USE  
; FILE REFERENCE: 00592 US1 (M&R 268.05920101)  
; CURRENT APPLICATION NUMBER: US/11/194,246  
; CURRENT FILING DATE: 2005-08-01  
; PRIOR APPLICATION NUMBER: US/10/274,586  
; PRIOR FILING DATE: 2002-10-21  
; PRIOR APPLICATION NUMBER: US 60/345,438  
; PRIOR FILING DATE: 2001-10-19  
; NUMBER OF SEQ ID NOS: 621  
; SOFTWARE: Patentin version 3.0  
; SEQ ID NO 296  
; LENGTH: 829  
; TYPE: PRT  
; ORGANISM: HAEMOPHILUS INFLUENZAE

US-11-194-246-296

Query Match 40.7%; Score 35; DB 7; Length 829;  
 Best Local Similarity 53.3%; Pred. No. 1.3e+02;  
 Matches 8; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 1 RQRYLYTDDAQQTQA 15  
 DB 41 KRTVTDTIAQGEA 55

RESULT 11

US-10-647-956A-4  
 ; Sequence 4, Application US/10647956A  
 ; Publication No. US20050251878A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: firench-Constant, Richard  
 ; APPLICANT: Bowen, David  
 ; APPLICANT: Rocheleau, Thomas  
 ; APPLICANT: Waterfield, Nicholas  
 ; TITLE OF INVENTION: DNA SEQUENCES FROM PHOTORHABDUS LUMINESCENS  
 ; FILE REFERENCE: 61645  
 ; CURRENT APPLICATION NUMBER: US/10/647,956A  
 ; CURRENT FILING DATE: 2003-08-26  
 ; PRIOR APPLICATION NUMBER: CURRENT APPLICATION NUMBER: US/09/817,514  
 ; PRIOR FILING DATE: CURRENT FILING DATE: 2000-03-26  
 ; PRIOR APPLICATION NUMBER: US 60/191806  
 ; PRIOR FILING DATE: 2000-03-24  
 ; NUMBER OF SEQ ID NOS: 8  
 ; SOFTWARE: PatentIn version 3.0  
 ; SEQ ID NO 4  
 ; LENGTH: 1476  
 ; TYPE: PRT  
 ; ORGANISM: Photorhabdus luminescens  
 US-10-647-956A-4

Query Match 40.7%; Score 35; DB 6; Length 1476;  
 Best Local Similarity 53.8%; Pred. No. 2.5e+02;  
 Matches 7; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 1 RQRYLYTDDAQQT 13  
 DB 1056 QQRTFTDGKNGT 1068

RESULT 12

US-10-793-626-2650  
 ; Sequence 2650, Application US/10793626  
 ; Publication No. US20050255478A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: KIMMERLY, WILLIAM JOHN  
 ; TITLE OF INVENTION: STAPHYLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS  
 ; FILE REFERENCE: PU3480US  
 ; CURRENT APPLICATION NUMBER: US/10/793,626  
 ; CURRENT FILING DATE: 2004-03-04  
 ; PRIOR APPLICATION NUMBER: 60/164,258  
 ; PRIOR FILING DATE: 1999-11-09  
 ; NUMBER OF SEQ ID NOS: 4472  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 2650  
 ; LENGTH: 158  
 ; TYPE: PRT  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: synthetic  
 ; OTHER INFORMATION: amino acid sequence  
 US-10-793-626-2650

Query Match 39.5%; Score 34; DB 6; Length 158;  
 Best Local Similarity 43.8%; Pred. No. 32;  
 Matches 7; Conservative 2; Mismatches 7; Indels 0; Gaps 0;

QY 1 RQRYLYTDDAQQTQA 16

Db 42 RGRLTFSDDQPMVAH 57

RESULT 13

US-11-052-554A-361  
 ; Sequence 361, Application US/11052554A  
 ; Publication No. US20050288866A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Sachdeva, et al.  
 ; TITLE OF INVENTION: COMPUTATIONAL METHOD FOR IDENTIFYING ADHESIN AND ADHESIN-LIKE  
 ; FILE REFERENCE: 30853/40359A  
 ; CURRENT APPLICATION NUMBER: US/11/052,554A  
 ; CURRENT FILING DATE: 2005-02-07  
 ; PRIOR APPLICATION NUMBER: US 60/589,227  
 ; PRIOR FILING DATE: 2004-07-20  
 ; PRIOR APPLICATION NUMBER: IN 173/DEL/2004  
 ; PRIOR FILING DATE: 2004-02-06  
 ; NUMBER OF SEQ ID NOS: 763  
 ; SOFTWARE: PatentIn version 3.3  
 ; SEQ ID NO 361  
 ; LENGTH: 195  
 ; TYPE: PRT  
 ; ORGANISM: Streptococcus mutans UA159  
 US-11-052-554A-361

Query Match 39.5%; Score 34; DB 7; Length 195;  
 Best Local Similarity 70.0%; Pred. No. 41;  
 Matches 7; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 7 TDDAQQTQA 16  
 DB 52 TDAQQTQA 61

RESULT 14

US-10-793-626-578  
 ; Sequence 578, Application US/10793626  
 ; Publication No. US20050255478A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: KIMMERLY, WILLIAM JOHN  
 ; TITLE OF INVENTION: STAPHYLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS  
 ; FILE REFERENCE: PU3480US  
 ; CURRENT APPLICATION NUMBER: US/10/793,626  
 ; CURRENT FILING DATE: 2004-03-04  
 ; PRIOR APPLICATION NUMBER: 60/164,258  
 ; PRIOR FILING DATE: 1999-11-09  
 ; NUMBER OF SEQ ID NOS: 4472  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO 578  
 ; LENGTH: 308  
 ; TYPE: PRT  
 ; ORGANISM: Artificial Sequence  
 ; FEATURE:  
 ; OTHER INFORMATION: Description of Artificial Sequence: synthetic  
 ; OTHER INFORMATION: amino acid sequence  
 US-10-793-626-578

Query Match 39.5%; Score 34; DB 6; Length 308;  
 Best Local Similarity 43.8%; Pred. No. 67;  
 Matches 7; Conservative 2; Mismatches 7; Indels 0; Gaps 0;

QY 1 RQRYLYTDDAQQTQA 16  
 DB 42 RGRLTFSDDQPMVAH 57

RESULT 15

US-10-485-517-204  
 ; Sequence 204, Application US/10485517  
 ; Publication No. US20050256299A1  
 ; GENERAL INFORMATION:

```

; APPLICANT: University of Sheffield
; APPLICANT: Biosynexus Incorporated
; APPLICANT: Foster, Simon
; APPLICANT: Mond, James
; TITLE OF INVENTION: Antigenic Polypeptides
; FILE REFERENCE: P100629WO
; CURRENT APPLICATION NUMBER: US/10/485,517
; CURRENT FILING DATE: 2004-02-02
; PRIOR APPLICATION NUMBER: GB 011825.9
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: GB 0200349.9
; PRIOR FILING DATE: 2002-01-09
; NUMBER OF SEQ ID NOS: 424
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 204
; LENGTH: 412
; TYPE: PRT
; ORGANISM: Staphylococcus aureus
US-10-485-517-204

Query Match      39.5%; Score 34; DB 6; Length 412;
Best Local Similarity 50.0%; Pred. No. 92;
Matches 6; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY      3 RVLVTDDAQOTE 14
DB      348 RKLWSDDAKEVE 359

RESULT 16
US-11-151-601-23
; Sequence 23, Application US/11151601
; Publication No. US20060003413A1
; GENERAL INFORMATION:
; APPLICANT: Millennium Pharmaceuticals, Inc.
; APPLICANT: Meyers, Rachel E.
; APPLICANT: Olandt, Peter J.
; APPLICANT: Kapeller-Libermann, Rosana
; APPLICANT: Curtis, Rory A. J.
; APPLICANT: Williamson, Mark.
; APPLICANT: Weich, Nadine
; TITLE OF INVENTION: NOVEL HUMAN PROTEIN KINASE, PHOSPHATASE,
; AND PROTEASE FAMILY MEMBERS AND USES THEREOF
; FILE REFERENCE: MPI00-054PIRCPIOWMIDVIM
; CURRENT APPLICATION NUMBER: US/11/151,601
; CURRENT FILING DATE: 2005-06-13
; PRIOR FILING DATE: US 10/170,789
; PRIOR APPLICATION NUMBER: US 09/797,039
; PRIOR FILING DATE: 2002-06-13
; PRIOR APPLICATION NUMBER: PCT/US01/06525
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: US 60/186,061
; PRIOR FILING DATE: 2000-02-29
; PRIOR APPLICATION NUMBER: US 09/882,166
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: PCT/US01/19269
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: US 60/212,078
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: US 09/934,406
; PRIOR FILING DATE: 2001-08-21
; PRIOR APPLICATION NUMBER: PCT/US01/26052
; PRIOR FILING DATE: 2001-08-21
; PRIOR APPLICATION NUMBER: US 60/226,740
; PRIOR FILING DATE: 2000-08-21
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 23
; LENGTH: 710
; TYPE: PRT
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: consensus sequence
US-11-151-601-23

Query Match      39.5%; Score 34; DB 7; Length 710;
Best Local Similarity 50.0%; Pred. No. 1.7e+02;
Matches 7; Conservative 2; Mismatches 5; Indels 0; Gaps 0;

QY      2 QRVLVTDDAQOTE 15
DB      97 QRVLVQDSLEGEA 110

RESULT 17
US-10-055-877-138
; Sequence 138, Application US/10055877
; Publication No. US20050288241A1
; GENERAL INFORMATION:
; APPLICANT: DeCristofaro, Marc
; APPLICANT: Padigaru, Muraidhara
; APPLICANT: Miller, Charles
; APPLICANT: Tchernev, Velizar
; APPLICANT: Zhong, Mei
; APPLICANT: Anderson, David
; APPLICANT: Ballinger, Robert
; APPLICANT: Gerlach, Valerie
; APPLICANT: Spytek, Kimberly
; APPLICANT: Ratelli, Luca
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Guo, Xiaojia
; APPLICANT: Zerhusen, Bryan
; APPLICANT: Andrew, David
; APPLICANT: Mezes, Peter
; APPLICANT: Patturajan, Meera
; APPLICANT: Burgess, Catherine
; APPLICANT: Eisen, Andrew
; APPLICANT: Wolenc, Adam
; APPLICANT: Baumgartner, Jason
; APPLICANT: Shimkete, Richard
; APPLICANT: Gusev, Vladimir
; APPLICANT: Vernet, Corine
; APPLICANT: Taupier Jr., Raymond
; APPLICANT: Pena, Carol
; APPLICANT: Shenoy, Suresh
; APPLICANT: Li, Li
; APPLICANT: Casman, Stacie
; APPLICANT: Boldog, Ference
; TITLE OF INVENTION: Novel Polypeptides and Nucleic Acids Encoded Thereby
; FILE REFERENCE: 21402-251
; CURRENT APPLICATION NUMBER: US/10/055,877
; CURRENT FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 60/262,892
; PRIOR FILING DATE: 2001-01-19
; PRIOR APPLICATION NUMBER: 60/263,598
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/263,799
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: 60/264,117
; PRIOR FILING DATE: 2001-01-25
; PRIOR APPLICATION NUMBER: 60/264,139
; PRIOR FILING DATE: 2001-01-25
; PRIOR APPLICATION NUMBER: 60/264,478
; PRIOR FILING DATE: 2001-01-26
; PRIOR APPLICATION NUMBER: 60/263,351
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: 60/272,870
; PRIOR FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: 60/275,990
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/275,927
; PRIOR FILING DATE: 2001-03-14
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 512

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; SOFTWARE: Patentin Ver. 2.1  
; SEQ ID NO 138  
; LENGTH: 1059  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-055-877-138

Query Match 39.5%; Score 34; DB 6; Length 1059;  
Best Local Similarity 85.7%; Pred. No. 2.6e+02;  
Matches 6; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 QRYLYTD 8\*  
|:|:|:|:|  
DB 1041 QRYLYTD 1047

RESULT 18  
US-11-052-554A-91  
; Sequence 91, Application US/11052554A  
; Publication No. US20050288866A1  
; GENERAL INFORMATION:  
; APPLICANT: Sachdeva, et al.  
; TITLE OF INVENTION: COMPUTATIONAL METHOD FOR IDENTIFYING ADHESIN AND ADHESIN-LIKE  
; TITLE OF INVENTION: PROTEINS OF THERAPEUTIC POTENTIAL  
; FILE REFERENCE: 30853/40359A  
; CURRENT APPLICATION NUMBER: US/11/052,554A  
; CURRENT FILING DATE: 2005-02-07  
; PRIOR APPLICATION NUMBER: US 60/589,227  
; PRIOR FILING DATE: 2004-07-20  
; PRIOR APPLICATION NUMBER: IN 173/DEL/2004  
; PRIOR FILING DATE: 2004-02-06  
; NUMBER OF SEQ ID NOS: 763  
; SOFTWARE: Patentin version 3.3  
; SEQ ID NO 91  
; LENGTH: 2902  
; TYPE: PRT  
; ORGANISM: Helicobacter pylori J99  
US-11-052-554A-91

Query Match 39.5%; Score 34; DB 7; Length 2902;  
Best Local Similarity 75.0%; Pred. No. 7.7e+02;  
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 4 YLYTDDAQ 11  
|:|:|:|:|  
DB 1612 YSYSDAQ 1619

RESULT 19  
US-10-467-657-1306  
; Sequence 1306, Application US/10467657  
; Publication No. US20050260581A1  
; GENERAL INFORMATION:  
; APPLICANT: CHIRON SpA  
; APPLICANT: FONTANA Maria Rita  
; APPLICANT: PIZZA Mariagrazia  
; APPLICANT: MASIGNANI Vega  
; APPLICANT: MONACI Elisabetta  
; TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS  
; FILE REFERENCE:  
; CURRENT APPLICATION NUMBER: US/10/467,657  
; CURRENT FILING DATE: 2003-08-11  
; PRIOR APPLICATION NUMBER: GB-0103424.8  
; PRIOR FILING DATE: 2001-02-12  
; NUMBER OF SEQ ID NOS: 9218  
; SOFTWARE: SeqWin99, version 1.04  
; SEQ ID NO 1306  
; LENGTH: 32  
; TYPE: PRT  
; ORGANISM: Neisseria gonorrhoeae  
US-10-467-657-1306

Query Match 38.4%; Score 33; DB 6; Length 32;

Best Local Similarity 66.7%; Pred. No. 8.4;  
Matches 6; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 5 LYTDDAQOT 13  
|:|:|:|:|  
DB 16 LHTDDGDOT 24

RESULT 20  
US-10-467-657-8522  
; Sequence 8522, Application US/10467657  
; Publication No. US20050260581A1  
; GENERAL INFORMATION:  
; APPLICANT: CHIRON SpA  
; APPLICANT: FONTANA Maria Rita  
; APPLICANT: PIZZA Mariagrazia  
; APPLICANT: MASIGNANI Vega  
; APPLICANT: MONACI Elisabetta  
; TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS  
; FILE REFERENCE:  
; CURRENT APPLICATION NUMBER: US/10/467,657  
; CURRENT FILING DATE: 2003-08-11  
; PRIOR APPLICATION NUMBER: GB-0103424.8  
; PRIOR FILING DATE: 2001-02-12  
; NUMBER OF SEQ ID NOS: 9218  
; SOFTWARE: SeqWin99, version 1.04  
; SEQ ID NO 8522  
; LENGTH: 163  
; TYPE: PRT  
; ORGANISM: Neisseria gonorrhoeae  
US-10-467-657-8522

Query Match 38.4%; Score 33; DB 6; Length 163;  
Best Local Similarity 75.0%; Pred. No. 50;  
Matches 6; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4 YLYTDDAQ 11  
|:|:|:|:|  
DB 125 YLYTDDVQ 132

RESULT 21  
US-10-467-657-2238  
; Sequence 2238, Application US/10467657  
; Publication No. US20050260581A1  
; GENERAL INFORMATION:  
; APPLICANT: CHIRON SpA  
; APPLICANT: FONTANA Maria Rita  
; APPLICANT: PIZZA Mariagrazia  
; APPLICANT: MASIGNANI Vega  
; APPLICANT: MONACI Elisabetta  
; TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS  
; FILE REFERENCE:  
; CURRENT APPLICATION NUMBER: US/10/467,657  
; CURRENT FILING DATE: 2003-08-11  
; PRIOR APPLICATION NUMBER: GB-0103424.8  
; PRIOR FILING DATE: 2001-02-12  
; NUMBER OF SEQ ID NOS: 9218  
; SOFTWARE: SeqWin99, version 1.04  
; SEQ ID NO 2238  
; LENGTH: 234  
; TYPE: PRT  
; ORGANISM: Neisseria gonorrhoeae  
US-10-467-657-2238

Query Match 38.4%; Score 33; DB 6; Length 234;  
Best Local Similarity 37.5%; Pred. No. 74;  
Matches 6; Conservative 2; Mismatches 8; Indels 0; Gaps 0;

QY 1 RORYLYTDDAQOTEAH 16  
|:|:|:|:|  
DB 122 RQHFLLPDDVFGTQVH 137

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RESULT 22
US-10-454-437-92
; Sequence 92, Application US/10454437
; Publication No. US20050277115A1
; GENERAL INFORMATION:
; APPLICANT: Pompejus, Markus
; APPLICANT: Kroger, Burkhard
; APPLICANT: Schroder, Hartwig
; APPLICANT: Zelder, Oskar
; APPLICANT: Haberbauer, Gregor
; TITLE OF INVENTION: CORYNEBACTERIUM GLUTAMICUM GENES ENCODING PROTEINS
; INVOLVED IN HOMEOSTASIS AND ADAPTATION
; FILE REFERENCE: BGI-128CPCN
; CURRENT APPLICATION NUMBER: US/10/454,437
; PRIORITY FILING DATE: 2003-06-13
; PRIOR APPLICATION NUMBER: US 60/141031
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: DE 19931636.8
; PRIOR FILING DATE: 1999-07-08
; PRIOR APPLICATION NUMBER: DE 19932125.6
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: DE 19932126.4
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: DE 19932127.2
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: DE 19932128.0
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: DE 19932129.9
; PRIOR FILING DATE: 1999-07-14
; PRIOR APPLICATION NUMBER: DE 19932920.6
; PRIOR FILING DATE: 1999-07-14
; PRIOR APPLICATION NUMBER: DE 19932922.2
; PRIOR FILING DATE: 1999-07-14
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 442
; SEQ ID NO 92
; LENGTH: 242
; TYPE: PRT
; ORGANISM: Corynebacterium glutamicum
US-10-454-437-92

Query Match 38.4%; Score 33; DB 6; Length 242;
Best Local Similarity 75.0%; Pred. No. 76;
Matches 6; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 YTDDAQQT 13
DB 124 YTDDANHT 131

RESULT 23
US-10-454-437-90
; Sequence 90, Application US/10454437
; Publication No. US20050277115A1
; GENERAL INFORMATION:
; APPLICANT: Pompejus, Markus
; APPLICANT: Kroger, Burkhard
; APPLICANT: Schroder, Hartwig
; APPLICANT: Zelder, Oskar
; APPLICANT: Haberbauer, Gregor
; TITLE OF INVENTION: CORYNEBACTERIUM GLUTAMICUM GENES ENCODING PROTEINS
; INVOLVED IN HOMEOSTASIS AND ADAPTATION
; FILE REFERENCE: BGI-128CPCN
; CURRENT APPLICATION NUMBER: US/10/454,437
; PRIORITY FILING DATE: 2003-06-13
; PRIOR APPLICATION NUMBER: US 60/141031
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: DE 19931636.8
; PRIOR FILING DATE: 1999-07-08
; PRIOR APPLICATION NUMBER: DE 19932125.6
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; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: DE 19932126.4
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: DE 19932127.2
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: DE 19932128.0
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: DE 19932129.9
; PRIOR FILING DATE: 1999-07-19
; PRIOR APPLICATION NUMBER: DE 19932226.0
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: DE 19932920.6
; PRIOR FILING DATE: 1999-07-14
; PRIOR APPLICATION NUMBER: DE 19932922.2
; PRIOR FILING DATE: 1999-07-14
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 442
; SEQ ID NO 90
; LENGTH: 267
; TYPE: PRT
; ORGANISM: Corynebacterium glutamicum
US-10-454-437-90

Query Match 38.4%; Score 33; DB 6; Length 267;
Best Local Similarity 75.0%; Pred. No. 85;
Matches 6; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 6 YTDDAQQT 13
DB 149 YTDDANHT 156

RESULT 24
US-10-467-657-4762
; Sequence 4762, Application US/10467657
; Publication No. US20050260581A1
; GENERAL INFORMATION:
; APPLICANT: CHIRON SPA
; APPLICANT: FONTANA Maria Rita
; APPLICANT: PIZZA Mariagrazia
; APPLICANT: MASIGNANI Vega
; APPLICANT: MONACI Elisabetta
; TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/467,657
; CURRENT FILING DATE: 2003-08-11
; PRIOR APPLICATION NUMBER: GB-0103424.8
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 9218
; SOFTWARE: SeqWin99, version 1.04
; SEQ ID NO 4762
; LENGTH: 279
; TYPE: PRT
; ORGANISM: Neisseria gonorrhoeae
US-10-467-657-4762

Query Match 38.4%; Score 33; DB 6; Length 279;
Best Local Similarity 46.7%; Pred. No. 89;
Matches 7; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

QY 1 RORYLYTDDAQQTEA 15
DB 155 RARYLKRNRKQREA 169

RESULT 25
US-10-467-657-7236
; Sequence 7236, Application US/10467657
; Publication No. US20050260581A1
; GENERAL INFORMATION:
; APPLICANT: CHIRON SPA
; APPLICANT: FONTANA Maria Rita
; APPLICANT: PIZZA Mariagrazia
```

; APPLICANT: MASIGNANI Vega  
; APPLICANT: MONACI Elisabetta  
; TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS  
; FILE REFERENCE:  
; CURRENT APPLICATION NUMBER: US/10/467,657  
; CURRENT FILING DATE: 2003-08-11  
; PRIOR APPLICATION NUMBER: GB-0103424.8  
; PRIOR FILING DATE: 2001-02-12  
; NUMBER OF SEQ ID NOS: 9218  
; SOFTWARE: SeqWin99, version 1.04  
; SEQ ID NO 7236  
; LENGTH: 279  
; TYPE: PRT  
; ORGANISM: Neisseria gonorrhoeae  
US-10-467-657-7236

Query Match 38.4%; Score 33; DB 6; Length 279;  
Best Local Similarity 46.7%; Pred. No. 89;  
Matches 7; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

QY 1 RORYLYTDDAQQTEA 15  
| | | | : : | |  
DB 155 RARYLKRNKREKOREA 169

Search completed: January 13, 2006, 17:33:24  
Job time : 5.67742 secs



GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: January 13, 2006, 17:22:59 ; Search time 23 Seconds

(without alignments)  
751.270 Million cell updates/sec

**Title:** US-10-060-765-4

Perfect score:

Sequence: 1.MDSDETGFEHSGLWVSLAG.....SSDPLSMVGPSQGRSPSYAS 209

Scoring table: OLIGO

Gapop 60.0 , Gapext 60.0

Searched: 572060 seqs, 82675679 residues

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Minimum DB seq length: 0

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Maximum DB seq length: 200000000

Post-processing: Listing first 1000 summaries

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6: /cgn2\_6/ptodata/1/iaa/backfiles1.pcp:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Query			DB	ID	Description
	Score	Match	Length			
1	209	100.0	209	2	US-09-715-805-4	Sequence 4, Appli
2	173	82.8	209	2	US-09-390-207-2	Sequence 2, Appli
3	145	69.4	181	2	US-09-390-207-5	Sequence 5, Appli
4	79	37.8	85	2	US-09-621-976-5213	Sequence 5213, Ap
5	30	14.4	181	2	US-09-390-207-6	Sequence 6, Appli
6	30	14.4	210	2	US-09-390-207-4	Sequence 4, Appli
7	30	14.4	210	2	US-09-715-805-2	Sequence 2, Appli
8	30	14.4	210	2	US-09-665-493B-7	Sequence 7, Appli
9	28	13.4	28	2	US-09-390-207-41	Sequence 41, Appli
10	16	7.7	16	2	US-09-715-805-7	Sequence 7, Appli
11	15	7.2	15	2	US-09-715-805-8	Sequence 8, Appli
12	8	3.8	477	2	US-09-252-991A-19831	Sequence 19831, A
13	8	3.8	564	2	US-09-902-540-16018	Sequence 16018, A
14	7	3.3	15	2	US-08-602-993A-394	Sequence 394, App
15	7	3.3	15	2	US-09-009-953-10	Sequence 10, Appl
16	7	3.3	15	2	US-09-009-953-11	Sequence 11, Appl
17	7	3.3	15	2	US-09-009-953-42	Sequence 42, Appl
18	7	3.3	15	2	US-09-009-953-43	Sequence 43, Appl
19	7	3.3	15	2	US-09-500-124-394	Sequence 394, App
20	7	3.3	15	2	US-09-311-784A-415	Sequence 415, App
21	7	3.3	19	1	US-07-908-317-7	Sequence 7, Appli
22	7	3.3	19	4	PCT-US93-06171-7	Sequence 7, Appli
23	7	3.3	90	2	US-08-311-731A-356	Sequence 356, App
24	7	3.3	103	2	US-09-252-991A-28978	Sequence 28978, A
25	7	3.3	143	2	US-09-621-976-7099	Sequence 7099, Ap
26	7	3.3	150	2	US-09-328-352-6423	Sequence 6423, Ap
27	7	3.3	162	1	US-08-319-704-6	Sequence 6, Appli

101	6	2.9	68	2	US-09-270-767-35016	Sequence 35016, A	174	146	2	US-09-902-540-11357	Sequence 11357, A
102	6	2.9	68	2	US-09-270-767-50233	Sequence 50233, A	175	148	2	US-09-252-991A-27899	Sequence 27899, A
103	6	2.9	69	1	US-08-470-720-6	Sequence 6, Appl1	176	148	2	US-09-949-016-10452	Sequence 10452, A
104	6	2.9	69	2	US-08-070-455-6	Sequence 6, Appl1	177	149	2	US-09-270-767-60496	Sequence 60496, A
105	6	2.9	71	2	US-09-206-551-22	Sequence 22, Appl1	178	150	2	US-09-188-930-306	Sequence 306, App
106	6	2.9	71	2	US-09-206-551-24	Sequence 24, Appl1	179	150	2	US-09-312-283C-306	Sequence 306, App
107	6	2.9	72	2	US-09-206-551-25	Sequence 25, Appl1	180	152	2	US-09-673-395A-408	Sequence 408, App
108	6	2.9	72	2	US-09-489-039A-11688	Sequence 11688, A	181	152	2	US-09-270-767-33937	Sequence 33937, A
109	6	2.9	72	2	US-09-621-976-5494	Sequence 5494, App	182	152	2	US-09-270-767-36479	Sequence 36479, A
110	6	2.9	73	2	US-09-621-976-4859	Sequence 4859, App	183	152	2	US-09-270-767-49154	Sequence 49154, A
111	6	2.9	73	2	US-09-540-236-3028	Sequence 3028, App	184	152	2	US-09-270-767-51696	Sequence 51696, A
112	6	2.9	75	2	US-09-640-211A-625	Sequence 625, App	185	154	2	US-09-247-155-110	Sequence 110, App
113	6	2.9	80	2	US-09-663-600A-132	Sequence 132, App	186	154	2	US-09-252-991A-26700	Sequence 26700, App
114	6	2.9	80	2	US-09-663-600A-226	Sequence 226, App	187	154	2	US-09-311-021-172	Sequence 172, App
115	6	2.9	82	2	US-08-851-843A-176	Sequence 176, App	188	154	2	US-09-903-150-110	Sequence 110, App
116	6	2.9	82	2	US-08-974-549A-295	Sequence 295, App	189	155	2	US-09-149-476-466	Sequence 466, App
117	6	2.9	82	2	US-08-854-050-176	Sequence 176, App	190	155	2	US-09-149-476-603	Sequence 603, App
118	6	2.9	82	2	US-09-430-323-176	Sequence 176, App	191	155	2	US-09-328-352-6782	Sequence 6782, App
119	6	2.9	82	2	US-09-402-181B-295	Sequence 295, App	192	157	2	US-09-949-016-9182	Sequence 9182, App
120	6	2.9	82	2	US-09-721-456-295	Sequence 295, App	193	158	2	US-09-252-991A-26205	Sequence 26205, A
121	6	2.9	82	2	US-10-054-293-176	Sequence 176, App	194	160	2	US-09-252-991A-20126	Sequence 20126, A
122	6	2.9	82	2	US-09-438-486A-176	Sequence 176, App	195	160	2	US-09-621-976-4217	Sequence 4217, App
123	6	2.9	84	2	US-09-631-616-22	Sequence 22, Appl1	196	161	2	US-09-252-991A-23493	Sequence 23493, A
124	6	2.9	85	2	US-09-640-211A-870	Sequence 870, App	197	161	2	US-09-673-395A-577	Sequence 577, App
125	6	2.9	90	2	US-09-198-452A-1151	Sequence 1151, App	198	161	2	US-09-640-211A-2175	Sequence 2175, App
126	6	2.9	90	2	US-09-640-211A-930	Sequence 930, App	199	163	2	US-09-270-767-40346	Sequence 40346, A
127	6	2.9	91	2	US-09-270-767-40409	Sequence 40409, A	200	163	2	US-09-270-767-55562	Sequence 55562, A
128	6	2.9	91	2	US-09-270-767-55625	Sequence 55625, A	201	163	2	US-09-674-973A-247	Sequence 247, App
129	6	2.9	95	2	US-09-540-236-3255	Sequence 3255, App	202	164	2	US-09-902-540-13804	Sequence 13804, A
130	6	2.9	97	2	US-09-640-211A-2374	Sequence 2274, App	203	165	2	US-09-252-991A-23860	Sequence 23860, A
131	6	2.9	98	2	US-09-439-554-16	Sequence 16, Appl1	204	169	2	US-09-270-767-61958	Sequence 61958, A
132	6	2.9	99	2	US-09-621-976-6393	Sequence 6393, App	205	172	2	US-09-252-991A-31303	Sequence 31303, A
133	6	2.9	101	2	US-09-252-991A-22899	Sequence 22899, A	206	172	2	US-09-674-973A-250	Sequence 249, App
134	6	2.9	101	2	US-10-104-047-3750	Sequence 3750, App	207	173	2	US-09-674-973A-250	Sequence 250, App
135	6	2.9	106	2	US-09-188-930-136	Sequence 136, App	208	173	2	US-10-101-464A-566	Sequence 566, App
136	6	2.9	106	2	US-09-312-283C-136	Sequence 136, App	209	174	2	US-09-724-864-56	Sequence 56, Appl1
137	6	2.9	111	1	US-08-470-720-18	Sequence 18, Appl1	210	177	2	US-09-902-540-13625	Sequence 13625, A
138	6	2.9	111	2	US-09-270-767-45420	Sequence 45420, A	211	178	2	US-09-621-976-5323	Sequence 5323, App
139	6	2.9	111	2	US-08-070-455-18	Sequence 18, Appl1	212	178	2	US-09-270-767-61858	Sequence 61858, A
140	6	2.9	116	2	US-08-545-809A-143	Sequence 143, App	213	179	2	US-09-902-540-13831	Sequence 13831, A
141	6	2.9	116	2	US-09-567-552A-42	Sequence 42, Appl1	214	180	2	US-09-540-236-3702	Sequence 3702, App
142	6	2.9	116	2	US-09-515-697-143	Sequence 143, App	215	180	2	US-09-744-128-17	Sequence 17, Appl1
143	6	2.9	118	2	US-09-489-039A-9348	Sequence 9348, App	216	182	2	US-09-328-352-5685	Sequence 5685, App
144	6	2.9	118	2	US-09-621-976-7663	Sequence 7663, App	217	185	1	US-08-278-031-14	Sequence 14, Appl1
145	6	2.9	120	2	US-09-591-181-399	Sequence 399, App	218	185	1	US-08-483-859-14	Sequence 14, Appl1
146	6	2.9	120	2	US-09-590-444-399	Sequence 399, App	219	185	1	US-08-472-173-14	Sequence 14, Appl1
147	6	2.9	120	2	US-09-997-333-399	Sequence 399, App	220	185	1	US-08-487-167-14	Sequence 14, Appl1
148	6	2.9	120	2	US-09-992-598-399	Sequence 399, App	221	185	1	US-08-482-816-14	Sequence 14, Appl1
149	6	2.9	125	2	US-09-328-352-5491	Sequence 5491, App	222	185	1	US-08-296-149-14	Sequence 14, Appl1
150	6	2.9	126	2	US-09-107-532A-3899	Sequence 3899, App	223	185	1	US-08-801-439-14	Sequence 14, Appl1
151	6	2.9	127	2	US-09-621-976-3956	Sequence 3956, App	224	185	1	US-08-615-271-14	Sequence 14, Appl1
152	6	2.9	127	2	US-09-710-278-242	Sequence 242, App	225	185	2	US-09-074-660-14	Sequence 14, Appl1
153	6	2.9	130	2	US-09-328-352-4578	Sequence 4578, App	226	185	2	US-09-074-659-14	Sequence 14, Appl1
154	6	2.9	131	2	US-09-269-410-9	Sequence 9, Appl1	227	185	2	US-09-106-468-14	Sequence 14, Appl1
155	6	2.9	131	2	US-09-540-236-2995	Sequence 2995, App	228	185	2	US-09-106-466A-14	Sequence 14, Appl1
156	6	2.9	133	2	US-09-252-991A-30594	Sequence 30594, A	229	185	2	US-09-106-467-14	Sequence 14, Appl1
157	6	2.9	134	2	US-09-605-703B-252	Sequence 252, App	230	185	2	US-09-602-787A-2	Sequence 2, Appl1
158	6	2.9	135	2	US-09-097-199-86	Sequence 86, Appl1	231	185	6	5514590-10	Patent No. 5514590
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160	6	2.9	136	2	US-09-252-991A-17095	Sequence 17095, A	233	189	2	US-09-252-991A-18969	Sequence 18969, A
161	6	2.9	137	2	US-09-543-681A-7995	Sequence 7995, App	234	189	2	US-09-270-767-43574	Sequence 43574, A
162	6	2.9	139	2	US-09-893-737-98	Sequence 98, Appl1	235	190	1	US-08-448-603A-33	Sequence 33, Appl1
163	6	2.9	139	2	US-10-104-047-2633	Sequence 2633, App	236	190	2	US-09-134-075-33	Sequence 33, Appl1
164	6	2.9	141	2	US-09-252-991A-19268	Sequence 19268, A	237	190	2	US-09-492-739-33	Sequence 33, Appl1
165	6	2.9	142	2	US-09-134-001C-4136	Sequence 4136, App	238	190	2	US-09-252-991A-17192	Sequence 17192, A
166	6	2.9	143	2	US-09-270-767-32145	Sequence 32145, A	239	190	2	US-09-270-767-46639	Sequence 46639, A
167	6	2.9	143	2	US-09-270-767-47362	Sequence 47362, A	240	190	2	US-09-966-931A-33	Sequence 33, Appl1
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169	6	2.9	143	2	US-09-674-973A-253	Sequence 253, App	242	194	2	US-09-134-000C-5208	Sequence 5208, App
170	6	2.9	144	2	US-09-107-532A-4101	Sequence 4101, App	243	194	2	US-09-744-128-16	Sequence 16, Appl1
171	6	2.9	145	2	US-09-496-632C-18	Sequence 18, Appl1	244	194	2	US-10-104-047-2233	Sequence 2233, App
172	6	2.9	145	2	US-09-270-767-44143	Sequence 44143, A	245	196	2	US-09-303-518D-86	Sequence 86, Appl1
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252	6	2.9	201	2	US-09-252-991A-28054	Sequence 116, App	325	6	2.9	251	2	US-10-104-047-3719	Sequence 3719, Ap
253	6	2.9	202	2	US-09-134-000C-6396	Sequence 6396, Ap	326	6	2.9	252	2	US-09-252-991A-27663	Sequence 27663, A
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263	6	2.9	213	2	US-09-107-532A-7291	Sequence 7291, Ap	336	6	2.9	265	2	US-09-252-991A-26034	Sequence 26034, A
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266	6	2.9	216	2	US-09-252-991A-22182	Sequence 22182, A	339	6	2.9	267	2	US-08-965-056-38	Sequence 38, Appl
267	6	2.9	216	2	US-09-907-794A-59	Sequence 59, Appl	340	6	2.9	267	2	US-09-071-035-154	Sequence 154, App
268	6	2.9	216	2	US-09-905-125A-59	Sequence 59, Appl	341	6	2.9	267	2	US-09-902-540-15693	Sequence 15693, A
269	6	2.9	216	2	US-09-902-775A-59	Sequence 10, Appl	342	6	2.9	267	2	US-10-206-576-154	Sequence 154, App
270	6	2.9	216	2	US-09-715-805-10	Sequence 10, Appl	343	6	2.9	268	2	US-08-965-056-8	Sequence 8, Appl
271	6	2.9	216	2	US-09-906-700-59	Sequence 59, Appl	344	6	2.9	268	2	US-08-965-056-26	Sequence 26, Appl
272	6	2.9	216	2	US-09-248-796A-18200	Sequence 18200, A	345	6	2.9	268	2	US-09-303-518D-88	Sequence 88, Appl
273	6	2.9	216	2	US-09-903-603A-59	Sequence 59, Appl	346	6	2.9	268	2	US-09-303-518D-90	Sequence 90, Appl
274	6	2.9	216	2	US-09-904-920A-59	Sequence 59, Appl	347	6	2.9	268	2	US-09-303-518D-92	Sequence 92, Appl
275	6	2.9	216	2	US-09-949-016-8206	Sequence 8206, Ap	348	6	2.9	268	2	US-09-303-518D-94	Sequence 94, Appl
276	6	2.9	216	2	US-09-909-064-59	Sequence 59, Appl	349	6	2.9	269	2	US-08-965-056-6	Sequence 6, Appl
277	6	2.9	216	2	US-09-905-381A-59	Sequence 59, Appl	350	6	2.9	269	2	US-08-965-056-22	Sequence 22, Appl
278	6	2.9	216	2	US-09-906-618-59	Sequence 59, Appl	351	6	2.9	269	2	US-08-965-056-24	Sequence 24, Appl
279	6	2.9	216	2	US-09-906-646-59	Sequence 59, Appl	352	6	2.9	269	2	US-08-965-056-33	Sequence 33, Appl
280	6	2.9	216	2	US-09-904-462-59	Sequence 59, Appl	353	6	2.9	269	2	US-08-965-056-42	Sequence 42, Appl
281	6	2.9	216	2	US-09-902-736A-59	Sequence 59, Appl	354	6	2.9	269	2	US-08-965-056-46	Sequence 46, Appl
282	6	2.9	216	2	US-09-906-722A-59	Sequence 59, Appl	355	6	2.9	269	2	US-08-965-056-46	Sequence 46, Appl
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284	6	2.9	218	2	US-09-252-991A-29586	Sequence 29586, A	357	6	2.9	270	2	US-09-082-593-10	Sequence 10, Appl
285	6	2.9	218	2	US-10-360-101-260	Sequence 260, App	358	6	2.9	271	2	US-09-489-039A-9994	Sequence 9994, Ap
286	6	2.9	222	2	US-09-902-540-16147	Sequence 16147, A	359	6	2.9	272	2	US-09-252-991A-32666	Sequence 32666, A
287	6	2.9	222	2	US-09-602-787A-412	Sequence 412, App	360	6	2.9	274	2	US-09-252-991A-19941	Sequence 19941, A
288	6	2.9	225	2	US-09-252-991A-27348	Sequence 27348, A	361	6	2.9	275	2	US-09-083-268-18	Sequence 18, Appl
289	6	2.9	225	2	US-09-855-323-14	Sequence 14, Appl	362	6	2.9	275	2	US-09-248-796A-20116	Sequence 20116, A
290	6	2.9	227	2	US-09-439-554-28	Sequence 28, Appl	363	6	2.9	275	2	US-08-981-988A-18	Sequence 18, Appl
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292	6	2.9	228	1	US-08-379-280-5	Sequence 5, Appli	365	6	2.9	277	2	US-09-252-991A-25198	Sequence 25198, A
293	6	2.9	229	2	US-09-252-991A-30629	Sequence 30629, A	366	6	2.9	277	2	US-09-949-016-8160	Sequence 8160, Ap
294	6	2.9	229	2	US-09-454-204A-41	Sequence 41, Appl	367	6	2.9	279	2	US-09-489-039A-13210	Sequence 13210, A
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296	6	2.9	230	2	US-09-893-737-210	Sequence 210, App	369	6	2.9	281	2	US-09-252-991A-21164	Sequence 21164, A
297	6	2.9	234	2	US-09-533-029-54	Sequence 54, Appl	370	6	2.9	283	2	US-09-902-540-12203	Sequence 12203, A
298	6	2.9	236	1	US-08-494-907-8	Sequence 8, Appli	371	6	2.9	285	2	US-09-134-000C-3671	Sequence 3671, Ap
299	6	2.9	236	2	US-09-489-039A-8375	Sequence 8375, Ap	372	6	2.9	285	2	US-09-107-433-4723	Sequence 4723, Ap
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302	6	2.9	237	2	US-09-489-039A-33099	Sequence 13099, A	375	6	2.9	288	4	PCT-US95-04801-7	Sequence 7, Appli
303	6	2.9	238	2	US-09-071-035-156	Sequence 156, App	376	6	2.9	290	2	US-09-252-991A-30310	Sequence 30310, A
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306	6	2.9	239	2	US-09-543-681A-5332	Sequence 5332, Ap	379	6	2.9	291	2	US-09-134-000C-3538	Sequence 3538, Ap
307	6	2.9	240	2	US-09-252-991A-31100	Sequence 31100, A	380	6	2.9	294	2	US-09-252-991A-20937	Sequence 20937, A
308	6	2.9	240	2	US-09-540-236-2487	Sequence 2487, Ap	381	6	2.9	294	2	US-09-902-540-16493	Sequence 16493, A
309	6	2.9	241	2	US-09-502-540-10075	Sequence 10075, A	382	6	2.9	297	2	US-09-248-796A-23242	Sequence 23242, A
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311	6	2.9	242	2	US-09-206-537-2	Sequence 2, Appli	384	6	2.9	299	6	5514590-4	Patent No. 5514590
312	6	2.9	242	2	US-09-430-854-2	Sequence 2, Appli	385	6	2.9	300	1	US-08-933-750C-42	Sequence 42, Appl
313	6	2.9	243	2	US-09-134-001C-2961	Sequence 2961, Ap	386	6	2.9	300	2	US-09-234-613-42	Sequence 42, Appl
314	6	2.9	243	2	US-09-489-039A-13302	Sequence 13302, A	387	6	2.9	300	2	US-09-689-343E-2	Sequence 2, Appli
315	6	2.9	244	2	US-09-252-991A-26246	Sequence 26246, A	388	6	2.9	304	2	US-09-252-991A-32503	Sequence 32503, A
316	6	2.9	245	2	US-09-198-452A-37	Sequence 37, Appl	389	6	2.9	304	2	US-09-605-703B-1154	Sequence 1154, Ap
317	6	2.9	246	2	US-09-252-991A-18687	Sequence 18687, A	390	6	2.9	305	1	US-08-602-359A-42	Sequence 42, Appl
318	6	2.9	246	2	US-09-902-540-15270	Sequence 15270, A	391	6	2.9	305	2	US-09-252-991A-17593	Sequence 17593, A
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393	6	2.9	306	2	US-09-328-352-8079	Sequence 8079, Ap	456	6	2.9	365	2	US-09-489-039A-9152	Sequence 9152, Ap
394	6	2.9	311	2	US-09-252-991A-30797	Sequence 30797, A	457	6	2.9	367	1	US-08-737-045-14	Sequence 14, Appl
395	6	2.9	313	2	US-09-270-767-46289	Sequence 46289, A	468	6	2.9	367	2	US-08-932-871B-2	Sequence 2, Appl
396	6	2.9	313	2	US-09-710-279-3102	Sequence 3102, Ap	469	6	2.9	367	2	US-09-476-919-2	Sequence 2, Appl
397	6	2.9	316	2	US-09-802-540-10498	Sequence 10498, A	470	6	2.9	367	2	US-08-780-311A-2	Sequence 2, Appl
398	6	2.9	317	1	US-08-864-795-4	Sequence 4, Appl	471	6	2.9	367	2	US-09-716-964B-110	Sequence 110, App
399	6	2.9	317	1	US-08-864-795-5	Sequence 5, Appl	472	6	2.9	370	2	US-09-252-991A-31298	Sequence 31298, A
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401	6	2.9	318	2	US-09-252-991A-23188	Sequence 23188, A	474	6	2.9	370	2	US-09-248-796A-15189	Sequence 15189, A
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403	6	2.9	319	2	US-08-832-399-2	Sequence 2, Appl	476	6	2.9	373	2	US-09-149-476-374	Sequence 374, App
404	6	2.9	320	2	US-09-372-498-2	Sequence 2, Appl	477	6	2.9	375	2	US-09-622-439-2	Sequence 2, Appl
405	6	2.9	320	2	US-08-956-171E-5192	Sequence 5192, Ap	478	6	2.9	375	2	US-09-543-681A-7400	Sequence 7400, Ap
406	6	2.9	320	2	US-08-781-986A-3192	Sequence 3192, Ap	479	6	2.9	375	2	US-10-318-142-2	Sequence 2, Appl
407	6	2.9	321	2	US-09-248-796A-17608	Sequence 17608, A	480	6	2.9	375	2	US-09-875-076-16	Sequence 16, Appl
408	6	2.9	321	2	US-09-583-110-2973	Sequence 2973, Ap	481	6	2.9	375	2	US-10-781-294-39	Sequence 39, Appl
409	6	2.9	323	2	US-09-902-540-9722	Sequence 9722, Ap	482	6	2.9	377	2	US-09-622-439-22	Sequence 22, Appl
410	6	2.9	324	2	US-09-134-001C-4996	Sequence 4996, Ap	483	6	2.9	377	2	US-09-107-532A-6692	Sequence 6692, Ap
411	6	2.9	324	2	US-09-902-540-11045	Sequence 11045, A	484	6	2.9	377	2	US-10-318-142-22	Sequence 22, Appl
412	6	2.9	324	2	US-09-902-540-11047	Sequence 11047, A	485	6	2.9	378	2	US-09-134-001C-4692	Sequence 4692, Ap
413	6	2.9	325	2	US-09-107-433-4809	Sequence 4809, Ap	486	6	2.9	378	2	US-09-134-000C-5593	Sequence 5593, Ap
414	6	2.9	327	2	US-08-956-171E-5208	Sequence 5208, Ap	487	6	2.9	378	2	US-09-270-767-36281	Sequence 36281, A
415	6	2.9	327	2	US-08-781-986A-5208	Sequence 5208, Ap	488	6	2.9	378	2	US-09-270-767-51498	Sequence 51498, A
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417	6	2.9	330	2	US-09-252-991A-23136	Sequence 23136, A	490	6	2.9	383	2	US-09-710-279-2168	Sequence 2168, Ap
418	6	2.9	330	2	US-09-902-540-13345	Sequence 13345, A	491	6	2.9	384	2	US-09-252-991A-16983	Sequence 16983, A
419	6	2.9	331	2	US-09-967-552A-24	Sequence 24, Appl	492	6	2.9	385	2	US-09-265-585C-120	Sequence 120, App
420	6	2.9	332	2	US-09-248-796A-18474	Sequence 18474, A	493	6	2.9	386	2	US-09-134-001C-3770	Sequence 3770, Ap
421	6	2.9	335	2	US-08-961-083-52	Sequence 52, Appl	494	6	2.9	387	2	US-09-107-532A-6002	Sequence 6002, Ap
422	6	2.9	335	2	US-09-536-784-52	Sequence 52, Appl	495	6	2.9	388	2	US-09-252-991A-22751	Sequence 22751, A
423	6	2.9	335	2	US-09-765-271-52	Sequence 52, Appl	496	6	2.9	388	2	US-09-252-991A-28525	Sequence 28525, A
424	6	2.9	335	2	US-09-765-271-52	Sequence 52, Appl	497	6	2.9	388	2	US-09-902-540-10378	Sequence 10378, A
425	6	2.9	336	2	US-08-987-121A-4	Sequence 4, Appl	498	6	2.9	389	2	US-09-902-540-14557	Sequence 14557, A
426	6	2.9	336	2	US-09-066-512-2	Sequence 2, Appl	499	6	2.9	390	2	US-09-252-991A-24124	Sequence 24124, A
427	6	2.9	336	2	US-09-252-991A-16707	Sequence 16707, A	500	6	2.9	393	2	US-09-252-991A-29855	Sequence 29855, A
428	6	2.9	336	2	US-09-107-532A-4238	Sequence 4238, Ap	501	6	2.9	393	2	US-09-252-991A-24171	Sequence 24171, A
429	6	2.9	336	2	US-09-583-110-4857	Sequence 4857, Ap	502	6	2.9	393	2	US-09-248-796A-24239	Sequence 24239, A
430	6	2.9	336	2	US-09-107-433-4221	Sequence 4221, Ap	503	6	2.9	395	2	US-08-981-825-6	Sequence 6, Appl
431	6	2.9	336	2	US-09-902-540-11690	Sequence 11690, A	504	6	2.9	395	2	US-09-480-784-6	Sequence 6, Appl
432	6	2.9	338	2	US-09-252-991A-31633	Sequence 31633, A	505	6	2.9	396	2	US-09-248-796A-18742	Sequence 18742, A
433	6	2.9	338	2	US-09-902-540-12986	Sequence 12986, A	506	6	2.9	397	2	US-09-489-039A-10558	Sequence 10558, A
434	6	2.9	340	2	US-08-705-771-20	Sequence 20, Appl	507	6	2.9	400	2	US-09-252-991A-31900	Sequence 31900, A
435	6	2.9	340	2	US-09-134-001C-3709	Sequence 3709, Ap	508	6	2.9	401	2	US-09-252-991A-21672	Sequence 21672, A
436	6	2.9	340	2	US-09-252-991A-18833	Sequence 18833, A	509	6	2.9	401	2	US-09-252-991A-25629	Sequence 25629, A
437	6	2.9	340	2	US-09-252-991A-32981	Sequence 32981, A	510	6	2.9	401	2	US-09-902-540-10491	Sequence 10491, A
438	6	2.9	340	2	US-09-417-540-20	Sequence 20, Appl	511	6	2.9	402	2	US-09-902-540-12994	Sequence 12994, A
439	6	2.9	340	2	US-09-902-540-14011	Sequence 14011, A	512	6	2.9	403	2	US-09-252-991A-31122	Sequence 31122, A
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441	6	2.9	343	2	US-09-252-991A-25903	Sequence 25903, A	514	6	2.9	403	2	US-09-107-532A-6695	Sequence 6695, Ap
442	6	2.9	343	2	US-09-252-991A-31075	Sequence 31075, A	515	6	2.9	403	2	US-09-107-532A-6696	Sequence 6696, Ap
443	6	2.9	345	2	US-09-252-991A-33058	Sequence 33058, A	516	6	2.9	403	2	US-09-107-532A-6697	Sequence 6697, Ap
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446	6	2.9	346	2	US-09-252-991A-29402	Sequence 29402, A	519	6	2.9	403	2	US-09-134-000C-6436	Sequence 6436, Ap
447	6	2.9	346	2	US-09-902-540-11692	Sequence 11692, A	520	6	2.9	403	2	US-09-134-000C-6742	Sequence 6742, Ap
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454	6	2.9	355	2	US-09-489-039A-9887	Sequence 9887, Ap	527	6	2.9	409	2	US-09-252-991A-30461	Sequence 30461, A
455	6	2.9	356	2	US-09-199-637A-323	Sequence 323, App	528	6	2.9	409	2	US-09-328-352-6650	Sequence 6650, Ap
456	6	2.9	356	2	US-09-252-991A-21457	Sequence 21457, A	529	6	2.9	410	2	US-08-858-876A-2	Sequence 2, Appl
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459	6	2.9	357	2	US-09-252-991A-16733	Sequence 16733, A	532	6	2.9	410	2	US-09-826-509-537	Sequence 537, App
460	6	2.9	360	2	US-09-252-991A-17551	Sequence 17551, A	533	6	2.9	410	2	US-09-983-931-2	Sequence 2, Appl
461	6	2.9	363	2	US-09-328-352-5803	Sequence 5803, Ap	534	6	2.9	411	1	US-08-933-115-2	Sequence 2, Appl
462	6	2.9	363	2	US-09-142-108C-25	Sequence 25, Appl	535	6	2.9	411	2	US-09-205-008-2	Sequence 2, Appl
463	6	2.9	363	2	US-10-314-048A-32	Sequence 32, Appl	536	6	2.9	411	2	US-09-206-115-2	Sequence 2, Appl
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545	6	2.9	420	2	US-09-252-991A-18952	Sequence 18952, A	618	6	2.9	483	2	US-09-107-532A-5650	Sequence 5650, Ap
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554	6	2.9	425	2	US-09-500-495A-6	Sequence 6, Appli	626	6	2.9	488	2	US-09-367-791A-27	Sequence 27, Appli
555	6	2.9	426	2	US-09-252-991A-20025	Sequence 20025, A	627	6	2.9	488	2	US-09-248-796A-15599	Sequence 15599, A
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558	6	2.9	428	2	US-10-104-047-3675	Sequence 3675, Ap	630	6	2.9	492	2	US-09-134-001C-4847	Sequence 4847, Ap
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577	6	2.9	450	1	US-08-646-715-30	Sequence 30, Appli	649	6	2.9	513	2	US-08-206-899-21	Sequence 21, Appli
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579	6	2.9	452	2	US-09-949-016-6741	Sequence 6741, Ap	651	6	2.9	515	1	US-08-444-734A-7	Sequence 7, Appli
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584	6	2.9	461	2	US-09-967-552A-4	Sequence 4, Appli	656	6	2.9	515	2	US-09-688-415-9	Sequence 9, Appli
585	6	2.9	461	2	US-09-967-552A-6	Sequence 6, Appli	657	6	2.9	515	2	US-09-688-415-10	Sequence 10, Appli
586	6	2.9	461	2	US-09-967-552A-28	Sequence 28, Appli	658	6	2.9	517	2	US-09-391-104-32	Sequence 32, Appli
587	6	2.9	462	2	US-09-477-962-109	Sequence 109, Appli	659	6	2.9	517	2	US-09-252-991A-32798	Sequence 32798, A
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594	6	2.9	464	2	US-09-252-991A-19821	Sequence 19821, A	666	6	2.9	528	1	US-08-403-852D-21	Sequence 21, Appli
595	6	2.9	465	2	US-09-252-991A-20576	Sequence 20576, A	667	6	2.9	528	2	US-08-510-646B-22	Sequence 22, Appli
596	6	2.9	466	2	US-09-949-016-7492	Sequence 7492, Ap	668	6	2.9	528	2	US-09-231-818-21	Sequence 21, Appli
597	6	2.9	467	2	US-09-252-991A-25780	Sequence 25780, A	669	6	2.9	529	2	US-09-635-359B-21	Sequence 21, Appli
598	6	2.9	468	2	US-09-949-016-8597	Sequence 8597, Ap	670	6	2.9	529	2	US-09-381-656-1	Sequence 1, Appli
599	6	2.9	469	2	US-09-252-991A-25581	Sequence 25581, A	671	6	2.9	529	2	US-09-537-642-1	Sequence 1, Appli
600	6	2.9	471	2	US-09-711-164-444	Sequence 444, App	672	6	2.9	529	2	US-09-710-262E-4	Sequence 4, Appli
601	6	2.9	471	2	US-09-492-709A-284	Sequence 284, App	673	6	2.9	529	2	US-10-164-230-61	Sequence 61, Appli
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689	6	2.9	563	2	US-09-252-991A-16728	Sequence 16728, A	762	6	2.9	644	2	US-09-949-016-9507	Sequence 9507, Ap
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691	6	2.9	567	2	US-09-270-767-46016	Sequence 46016, A	764	6	2.9	645	2	US-08-631-616-1	Sequence 1, Appli
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694	6	2.9	572	6	5256770-7	Patent No. 5256770	767	6	2.9	664	2	US-09-252-991A-31745	Sequence 31745, A
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982 5 2.4 6 2 US-09-077-948A-134 Sequence 134, Appl
983 5 2.4 6 2 US-09-077-948A-135 Sequence 135, Appl
984 5 2.4 6 2 US-09-639-667-28 Sequence 28, Appl
985 5 2.4 6 2 US-09-551-738B-57 Sequence 57, Appl
986 5 2.4 7 1 US-08-944-133-15 Sequence 15, Appl
987 5 2.4 7 2 US-09-258-754-403 Sequence 403, Appl
988 5 2.4 7 2 US-09-258-754-422 Sequence 422, Appl
989 5 2.4 7 2 US-09-042-107-403 Sequence 403, Appl
990 5 2.4 7 2 US-09-042-107-422 Sequence 422, Appl
991 5 2.4 7 2 US-09-722-250D-403 Sequence 403, Appl
992 5 2.4 7 2 US-09-722-250D-422 Sequence 422, Appl
993 5 2.4 7 2 US-09-676-475A-403 Sequence 403, Appl
994 5 2.4 7 2 US-09-676-475A-422 Sequence 422, Appl
995 5 2.4 7 2 US-10-607-595-403 Sequence 403, Appl
996 5 2.4 7 2 US-10-607-595-422 Sequence 422, Appl
997 5 2.4 7 4 PCT-US94-01840-8 Sequence 8, Appl
998 5 2.4 7 6 5194592-40 Patent No. 5194592
999 5 2.4 8 1 US-08-841-483-29 Sequence 29, Appl
1000 5 2.4 8 2 US-09-045-632-102 Sequence 102, Appl
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## ALIGNMENTS

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RESULT 1
US-09-715-805-4
; Sequence 4, Application US/09715805
; Patent No. 6716626
; GENERAL INFORMATION:
; APPLICANT: Itoh, No. 6716626yuki
; APPLICANT: Kavanagh, W. Michael
; TITLE OF INVENTION: HUMAN FGF-21 GENE AND GENE EXPRESSION
; TITLE OF INVENTION: PRODUCTS
; FILE REFERENCE: PP-16758.001/201130.408
; CURRENT APPLICATION NUMBER: US/09/715,805
; CURRENT FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 209
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-715-805-4

Query Match 100.0%; Score 209; DB 2; Length 209;
Best Local Similarity 100.0%; Pred. No. 8.4e-193;
Matches 209; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MDSDETFEHSGLWVSLAGLLGACQAHPIPDSSPLLQFGGQVRQRYLYTDDAQOQTEAH 60
Db 1 MDSDETFEHSGLWVSLAGLLGACQAHPIPDSSPLLQFGGQVRQRYLYTDDAQOQTEAH 60

Qy 61 LEIREDTGVGGAADQSPESLLQKALPGVQIILGVKTSRFLCQRPDQALYGSLLHFDPEA 120
Db 61 LEIREDTGVGGAADQSPESLLQKALPGVQIILGVKTSRFLCQRPDQALYGSLLHFDPEA 120

Qy 121 CSFRELLEDGYNVYQSEAHGLPLHLPNGKSPHRDPAPRGPARFLPLGLPPA 180
Db 121 CSFRELLEDGYNVYQSEAHGLPLHLPNGKSPHRDPAPRGPARFLPLGLPPA 180

Qy 181 LAPQPDVGGSDPLSMVGFSQGRSPSYAS 209
Db 181 LAPQPDVGGSDPLSMVGFSQGRSPSYAS 209
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RESULT 2
US-09-390-207-2
; Sequence 2, Application US/09390207
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; Patent No. 6504530
; GENERAL INFORMATION:
; APPLICANT: Thomason, Arlen
; APPLICANT: Liu, Benxian
; TITLE OF INVENTION: Fibroblast Growth Factor-Like Polypeptides
; FILE REFERENCE: 99-371
; CURRENT APPLICATION NUMBER: US/09/390,207
; CURRENT FILING DATE: 1999-09-07
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 209
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-390-207-2

Query Match 82.8%; Score 173; DB 2; Length 209;
Best Local Similarity 100.0%; Pred. No. 3.3e-158;
Matches 173; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MDSDETFEHSGLWVSLAGLLGACQAHPIPDSSPLLQFGGQVRQRYLYTDDAQOQTEAH 60
Db 1 MDSDETFEHSGLWVSLAGLLGACQAHPIPDSSPLLQFGGQVRQRYLYTDDAQOQTEAH 60

Qy 61 LEIREDTGVGGAADQSPESLLQKALPGVQIILGVKTSRFLCQRPDQALYGSLLHFDPEA 120
Db 61 LEIREDTGVGGAADQSPESLLQKALPGVQIILGVKTSRFLCQRPDQALYGSLLHFDPEA 120

Qy 121 CSFRELLEDGYNVYQSEAHGLPLHLPNGKSPHRDPAPRGPARFLPLGLPPA 173
Db 121 CSFRELLEDGYNVYQSEAHGLPLHLPNGKSPHRDPAPRGPARFLPLGLPPA 173
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RESULT 3
US-09-390-207-5
; Sequence 5, Application US/09390207
; Patent No. 6504530
; GENERAL INFORMATION:
; APPLICANT: Thomason, Arlen
; APPLICANT: Liu, Benxian
; TITLE OF INVENTION: Fibroblast Growth Factor-Like Polypeptides
; FILE REFERENCE: 99-371
; CURRENT APPLICATION NUMBER: US/09/390,207
; CURRENT FILING DATE: 1999-09-07
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 181
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-390-207-5

Query Match 69.4%; Score 145; DB 2; Length 181;
Best Local Similarity 100.0%; Pred. No. 2.3e-131;
Matches 145; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 29 HPIPDSSPLLQFGGQVRQRYLYTDDAQOQTEAHLEIREDTGVGGAADQSPESLLQKALP 88
Db 1 HPIPDSSPLLQFGGQVRQRYLYTDDAQOQTEAHLEIREDTGVGGAADQSPESLLQKALP 60

Qy 89 GVQIILGVKTSRFLCQRPDQALYGSLLHFDPEACSFRELLEDGYNVYQSEAHGLPLHLP 148
Db 61 GVQIILGVKTSRFLCQRPDQALYGSLLHFDPEACSFRELLEDGYNVYQSEAHGLPLHLP 120

Qy 149 NKSPHRDPAPRGPARFLPLGLPPA 173
Db 121 NKSPHRDPAPRGPARFLPLGLPPA 145
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RESULT 4
US-09-621-976-5213
; Sequence 5213, Application US/09621976
; Patent No. 6639063
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;
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Jobert, S. J.Y.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054PR2
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 5213
; LENGTH: 85
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: -28..-1
; NAME/KEY: UNSURE
; LOCATION: 57
; OTHER INFORMATION: Xaa = Ala,Pro
; NAME/KEY: UNSURE
; LOCATION: 52
; OTHER INFORMATION: Xaa = Leu,Val
; US-09-621-976-5213

Query Match
Best Local Similarity 37.8%; Score 79; DB 2; Length 85;
Matches 79; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDSDETFPHSLGWSVLGALLGACQAHPIPDSPFLQGGQVRQRYLYTDDAQTEAH 60
DB 1 MDSDETFPHSLGWSVLGALLGACQAHPIPDSPFLQGGQVRQRYLYTDDAQTEAH 60

QY 61 LEIRDGTGGAADQSPES 79
DB 61 LEIRDGTGGAADQSPES 79

RESULT 5
US-09-390-207-6
; Sequence 6, Application US/09390207
; Patent No. 6504530
; GENERAL INFORMATION:
; APPLICANT: Thomason, Arlen
; APPLICANT: Liu, Benxian
; TITLE OF INVENTION: Fibroblast Growth Factor-Like Polypeptides
; FILE REFERENCE: 99-371
; CURRENT APPLICATION NUMBER: US/09/390,207
; CURRENT FILING DATE: 1999-09-07
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 181
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-390-207-6

Query Match
Best Local Similarity 14.4%; Score 30; DB 2; Length 181;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 115 HFDPEACSFRELLLEDGYNVYQSEAHGLPL 144
DB 87 HFDPEACSFRELLLEDGYNVYQSEAHGLPL 116

RESULT 6
US-09-390-207-4
; Sequence 4, Application US/09390207
; Patent No. 6504530
; GENERAL INFORMATION:
; APPLICANT: Thomason, Arlen
; APPLICANT: Liu, Benxian
; TITLE OF INVENTION: Fibroblast Growth Factor-Like Polypeptides
; FILE REFERENCE: 99-371
; CURRENT APPLICATION NUMBER: US/09/390,207
; CURRENT FILING DATE: 1999-09-07
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 210
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-390-207-4

Query Match
Best Local Similarity 14.4%; Score 30; DB 2; Length 210;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 115 HFDPEACSFRELLLEDGYNVYQSEAHGLPL 144
DB 116 HFDPEACSFRELLLEDGYNVYQSEAHGLPL 145

RESULT 7
US-09-715-805-2
; Sequence 2, Application US/09715805
; Patent No. 6716626
; GENERAL INFORMATION:
; APPLICANT: Itoh, No. 6716626uyuki
; APPLICANT: Kavanaugh, W. Michael
; TITLE OF INVENTION: HUMAN FGF-21 GENE AND GENE EXPRESSION
; FILE REFERENCE: PP-16758.001/201130.408
; CURRENT APPLICATION NUMBER: US/09/715,805
; CURRENT FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 210
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-715-805-2

Query Match
Best Local Similarity 14.4%; Score 30; DB 2; Length 210;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 115 HFDPEACSFRELLLEDGYNVYQSEAHGLPL 144
DB 116 HFDPEACSFRELLLEDGYNVYQSEAHGLPL 145

RESULT 8
US-09-665-493B-7
; Sequence 7, Application US/09665493B
; Patent No. 6943153
; GENERAL INFORMATION:
; APPLICANT: Manning, William C., Jr.
; APPLICANT: Dwariki, Varavani J.
; APPLICANT: Rendahl, Katherine
; APPLICANT: Zhou, Shang-Zhen
; APPLICANT: McGee, Laura H.
; APPLICANT: Lau, Dana
; APPLICANT: Flannery, John G.
; APPLICANT: Miller, Sheldon
; APPLICANT: Wang, Fei
; APPLICANT: Di Polo, Adriana
; TITLE OF INVENTION: USE OF RECOMBINANT GENE DELIVERY VECTORS
; FILE REFERENCE: PP1588.005 (20463.40)
; CURRENT APPLICATION NUMBER: US/09/665,493B
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
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; LENGTH: 210
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-663-493B-7

Query Match
Best Local Similarity 14.4%; Score 30; DB 2; Length 210;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 115 HPDPACSFRELLLEDGYNVYQSEAHGLPL 144
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DB 116 HPDPACSFRELLLEDGYNVYQSEAHGLPL 145
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RESULT 9
US-09-390-207-41
; Sequence 41, Application US/09390207
; Patent No. 6504530
; GENERAL INFORMATION:
; APPLICANT: Thomson, Arlen
; APPLICANT: Liu, Benxian
; TITLE OF INVENTION: Fibroblast Growth Factor-Like Polypeptides
; FILE REFERENCE: 99-371
; CURRENT APPLICATION NUMBER: US/09/390,207
; CURRENT FILING DATE: 1999-09-07
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 41
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-390-207-41

Query Match
Best Local Similarity 13.4%; Score 28; DB 2; Length 28;
Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDSDETFEHSGLWVSVLGLLGLGACQ 28
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DB 1 MDSDETFEHSGLWVSVLGLLGLGACQ 28
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RESULT 10
US-09-715-805-7
; Sequence 7, Application US/09715805
; Patent No. 6716626
; GENERAL INFORMATION:
; APPLICANT: Itoh, No. 6716626uyuki
; APPLICANT: Kavanaugh, W. Michael
; TITLE OF INVENTION: HUMAN FGF-21 GENE AND GENE EXPRESSION
; FILE REFERENCE: PP-16758.001/201130.408
; CURRENT APPLICATION NUMBER: US/09/715,805
; CURRENT FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-715-805-7

Query Match
Best Local Similarity 7.7%; Score 16; DB 2; Length 16;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 45 RORYLYTDDAQOQTEAH 60
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DB 1 RORYLYTDDAQOQTEAH 16
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RESULT 11
US-09-715-805-8
; Sequence 8, Application US/09715805
; Patent No. 6716626
; GENERAL INFORMATION:
; APPLICANT: Itoh, No. 6716626uyuki
; APPLICANT: Kavanaugh, W. Michael
; TITLE OF INVENTION: HUMAN FGF-21 GENE AND GENE EXPRESSION
; FILE REFERENCE: PP-16758.001/201130.408
; CURRENT APPLICATION NUMBER: US/09/715,805
; CURRENT FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 15
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-715-805-8

Query Match
Best Local Similarity 7.2%; Score 15; DB 2; Length 15;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 145 HLPCKSPHRDPAPR 159
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DB 1 HLPCKSPHRDPAPR 15
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RESULT 12
US-09-252-991A-19831
; Sequence 19831, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 19831
; LENGTH: 477
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-19831

Query Match
Best Local Similarity 3.8%; Score 8; DB 2; Length 477;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 155 DPAPRGPA 162
|||||
DB 155 DPAPRGPA 162
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RESULT 13
US-09-902-540-16018
; Sequence 16018, Application US/09902540
; Patent No. 6833447
; GENERAL INFORMATION:
; APPLICANT: Goldman, Barry S.
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Wiegand, Roger C.
; TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15849)B
; CURRENT APPLICATION NUMBER: US/09/902,540
; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: 60/217,883
; PRIOR FILING DATE: 2000-07-10
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NUMBER OF SEQ ID NOS: 16825  
SEQ ID NO 16018  
LENGTH: 564  
TYPE: PRT  
ORGANISM: Myxococcus xanthus  
US-09-902-540-16018

Query Match 3.3%; Score 8; DB 2; Length 564;  
Best Local Similarity 100.0%; Pred. No. 31;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 17 VLGLLLG 24  
Db 483 VLGLLLG 490

## RESULT 14

US-08-602-999A-394  
Sequence 394, Application US/08602999A  
Patent No. 6184205

## GENERAL INFORMATION:

APPLICANT: SPARKS, Andrew B.  
APPLICANT: KAY, Brian K.  
APPLICANT: THORN, Judith M.  
APPLICANT: QUILLIAM, Lawrence A.  
APPLICANT: DER, Channing J.  
APPLICANT: FOWLES, Dana M.  
APPLICANT: RIDER, James E.  
TITLE OF INVENTION: SH3 BINDING PEPTIDES AND METHODS OF  
TITLE OF INVENTION: ISOLATING AND USING SAME  
NUMBER OF SEQUENCES: 467

## CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie & Edmonds  
STREET: 1155 Avenue of the Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 10036-2711

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/602,999A  
FILING DATE: 16-FEB-1996  
CLASSIFICATION: 435

## ATTORNEY/AGENT INFORMATION:

NAME: Misrock, S. Leslie  
REGISTRATION NUMBER: 18,872  
REFERENCE/DOCKET NUMBER: 1101-202  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (212) 790-9090  
TELEFAX: (212) 869-9741/8864  
TELEX: 66141 PENNIE

## INFORMATION FOR SEQ ID NO: 394:

SEQUENCE CHARACTERISTICS:  
LENGTH: 15 amino acids  
TYPE: amino acid  
TOPOLOGY: unknown  
MOLECULE TYPE: peptide

US-08-602-999A-394

Query Match 3.3%; Score 7; DB 2; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.9;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 167 LPGLPPA 173  
Db 7 LPGLPPA 13

## RESULT 15

US-09-009-953-10  
Sequence 10, Application US/09009953  
Patent No. 6413517  
GENERAL INFORMATION:

APPLICANT: Sette, Alessandro  
TITLE OF INVENTION: Identification of Broadly  
REACTIVE DR RESTRICTED EPITOPES

## NUMBER OF SEQUENCES: 274

## CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Crew LLP  
STREET: Two Embarcadero Center, Eighth Floor  
CITY: San Francisco  
STATE: CA  
COUNTRY: USA  
ZIP: 94111-3834

## COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq for Windows Version 2.0  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/009,953  
FILING DATE: 21-Jan-1998  
CLASSIFICATION: <Unknown>

## PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 60/036,713  
FILING DATE: 23-JAN-1997  
APPLICATION NUMBER: US 60/037,432  
FILING DATE: 07-FEB-1997

## ATTORNEY/AGENT INFORMATION:

NAME: Weber, Ellen Lauver  
REGISTRATION NUMBER: 32,762  
REFERENCE/DOCKET NUMBER: 018623-011520US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-576-0200  
TELEFAX: 415-576-0300  
TELEX: <Unknown>

## INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:  
LENGTH: 15 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
SEQUENCE DESCRIPTION: SEQ ID NO: 10:  
US-09-009-953-10

Query Match 3.3%; Score 7; DB 2; Length 15;  
Best Local Similarity 100.0%; Pred. No. 8.9;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 16 SVLAGLL 22  
Db 9 SVLAGLL 15

Search completed: January 13, 2006, 17:34:06  
Job time : 31 secs

GenCore version 5.1.6  
Copyright (c) 1993 - 2006 Compugen Ltd.

OM protein - protein search, using sw model

Run on: January 13, 2006, 17:05:18 ; Search time 18.871 Seconds  
(without alignments)  
65.717 Million cell updates/sec

Title: US-10-060-765-8

Perfect score: 89

Sequence: 1 HLPGNKSPHRDPAPR 15

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

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Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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3: /cgn2\_6/ptodata/1/iaa/H COMB.pep.\*  
4: /cgn2\_6/ptodata/1/iaa/PCTRUS COMB.pep.\*  
5: /cgn2\_6/ptodata/1/iaa/RE COMB.pep.\*  
6: /cgn2\_6/ptodata/1/iaa/backfiles1.pep.\*

\* Pred, No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by the total score distribution.

#### SUMMARIES

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2	89	100.0	181	2 US-09-390-207-5	Sequence 5, Appli
3	89	100.0	209	2 US-09-390-207-2	Sequence 2, Appli
4	89	100.0	209	2 US-09-715-805-4	Sequence 4, Appli
5	57	64.0	1419	2 US-09-252-991A-31822	Sequence 31822, A
6	51	57.3	133	2 US-09-252-991A-22856	Sequence 22856, A
7	51	57.3	187	2 US-09-252-991A-18109	Sequence 18109, A
8	46	51.7	286	2 US-09-252-991A-29952	Sequence 29952, A
9	46	51.7	307	2 US-09-252-991A-21588	Sequence 21588, A
10	46	51.7	330	2 US-09-252-991A-25664	Sequence 25664, A
11	46	51.7	392	2 US-09-270-767-35161	Sequence 35161, A
12	46	51.7	392	2 US-09-270-767-50378	Sequence 50378, A
13	45	50.6	209	2 US-09-252-991A-30648	Sequence 30648, A
14	45	50.6	601	2 US-09-252-991A-23280	Sequence 23280, A
15	45	50.6	632	2 US-09-252-991A-24235	Sequence 24235, A
16	45	50.6	689	2 US-09-949-016-11276	Sequence 11276, A
17	45	50.6	802	2 US-10-012-231A-260	Sequence 260, App
18	45	50.6	802	2 US-10-015-389A-260	Sequence 260, App
19	45	50.6	802	2 US-10-006-768A-260	Sequence 260, App
20	45	50.6	802	2 US-10-015-671A-260	Sequence 260, App
21	45	50.6	802	2 US-10-015-393A-260	Sequence 260, App
22	45	50.6	802	2 US-10-011-833A-260	Sequence 260, App
23	45	50.6	802	2 US-10-006-041A-260	Sequence 260, App
24	45	50.6	802	2 US-10-012-064A-260	Sequence 260, App
25	45	50.6	1294	1 US-08-819-288-3	Sequence 3, Appli
26	45	50.6	1294	2 US-09-400-348-3	Sequence 3, Appli
27	45	50.6	1321	1 US-08-261-822A-3	Sequence 3, Appli

28 45 50.6 1321 4 PCT-US95-07744A-3 Sequence 3, Appli  
29 44.5 50.0 372 2 US-09-252-991A-32717 Sequence 32717, A  
30 44.5 50.0 545 2 US-09-538-092-59 Sequence 59, Appl  
31 44 49.4 372 2 US-09-252-991A-23226 Sequence 23226, A  
32 44 49.4 441 2 US-09-252-991A-27502 Sequence 27502, A  
33 44 49.4 490 2 US-09-489-039A-8325 Sequence 8325, Ap  
34 44 49.4 552 1 US-07-999-280A-22 Sequence 22, Appl  
35 44 49.4 552 1 US-08-426-279-22 Sequence 24, Appl  
36 44 49.4 552 1 US-08-426-279-22 Sequence 22, Appl  
37 44 49.4 552 1 US-08-401-013-24 Sequence 22, Appl  
38 44 49.4 552 1 US-08-401-013-24 Sequence 22, Appl  
39 44 49.4 552 2 US-08-426-570-22 Sequence 22, Appl  
40 44 49.4 552 2 US-08-426-570-22 Sequence 24, Appl  
41 44 49.4 552 2 US-08-426-570-22 Sequence 22, Appl  
42 44 49.4 552 2 US-08-425-876-22 Sequence 22, Appl  
43 44 49.4 552 2 US-08-426-243-22 Sequence 22, Appl  
44 44 49.4 552 2 US-08-426-243-22 Sequence 22, Appl  
45 44 49.4 552 2 US-08-426-243-22 Sequence 24, Appl

#### ALIGNMENTS

##### RESULT 1

US-09-715-805-8  
; Sequence 8, Application US/09715805  
; Patent No. 6716626  
; GENERAL INFORMATION:  
; APPLICANT: Itoh, No. 6716626uyuki  
; APPLICANT: Kavanaugh, W. Michael  
; TITLE OF INVENTION: HUMAN FGF-21 GENE AND GENE EXPRESSION  
; TITLE OF INVENTION: PRODUCTS  
; FILE REFERENCE: PP-16758.001/201130.408  
; CURRENT APPLICATION NUMBER: US/09/715,805  
; CURRENT FILING DATE: 2000-11-16  
; NUMBER OF SEQ ID NOS: 17  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 8  
; LENGTH: 15  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-715-805-8

Query Match 100.0%; Score 89; DB 2; Length 15;  
Best Local Similarity 100.0%; Pred. No. 5.5e-07;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDPAPR 15

DB 1 HLPGNKSPHRDPAPR 15

##### RESULT 2

US-09-390-207-5  
; Sequence 5, Application US/09390207  
; Patent No. 6504530  
; GENERAL INFORMATION:  
; APPLICANT: Thomason, Arlen  
; APPLICANT: Liu, Benxian  
; TITLE OF INVENTION: Fibroblast Growth Factor-Like Polypeptides  
; FILE REFERENCE: 99-371  
; CURRENT APPLICATION NUMBER: US/09/390,207  
; CURRENT FILING DATE: 1999-09-07  
; NUMBER OF SEQ ID NOS: 41  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 5  
; LENGTH: 181  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-390-207-5

Query Match 100.0%; Score 89; DB 2; Length 181;  
Best Local Similarity 100.0%; Pred. No. 7.9e-06;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDPAPR 15

Db 117 HLPGNKSPHRDPAPR 131

## RESULT 3

US-09-390-207-2  
; Sequence 2, Application US/09390207  
; Patent No. 6504530  
; GENERAL INFORMATION:  
; APPLICANT: Thomason, Arlen  
; APPLICANT: Liu, Benxian  
; TITLE OF INVENTION: Fibroblast Growth Factor-Like Polypeptides  
; FILE REFERENCE: 99-371  
; CURRENT APPLICATION NUMBER: US/09/390,207  
; CURRENT FILING DATE: 1999-09-07  
; NUMBER OF SEQ ID NOS: 41  
; SOFTWARE: Patentin Ver. 2.0  
; SEQ ID NO 2  
; LENGTH: 209  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-390-207-2

Query Match 100.0%; Score 89; DB 2; Length 209;

Best Local Similarity 100.0%; Pred. No. 9.2e-06; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDPAPR 15

Db 145 HLPGNKSPHRDPAPR 159

## RESULT 4

US-09-715-805-4  
; Sequence 4, Application US/09715805  
; Patent No. 6716626  
; GENERAL INFORMATION:  
; APPLICANT: Itoh, No. 6716626uyuki  
; APPLICANT: Kavanaugh, W. Michael  
; TITLE OF INVENTION: HUMAN FGF-21 GENE AND GENE EXPRESSION  
; TITLE OF INVENTION: PRODUCTS  
; FILE REFERENCE: PP-16758.001/201130.408  
; CURRENT APPLICATION NUMBER: US/09/715,805  
; CURRENT FILING DATE: 2000-11-16  
; NUMBER OF SEQ ID NOS: 17  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 4  
; LENGTH: 209  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-715-805-4

Query Match 100.0%; Score 89; DB 2; Length 209;

Best Local Similarity 100.0%; Pred. No. 9.2e-06; Indels 0; Gaps 0;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDPAPR 15

Db 145 HLPGNKSPHRDPAPR 159

## RESULT 5

US-09-252-991A-31822  
; Sequence 31822, Application US/09252991A  
; Patent No. 6551795  
; GENERAL INFORMATION:  
; APPLICANT: Marc J. Rubenfield et al.  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
; FILE REFERENCE: 107196.136

; CURRENT APPLICATION NUMBER: US/09/252,991A  
; CURRENT FILING DATE: 1999-02-18  
; PRIOR APPLICATION NUMBER: US 60/074,788  
; PRIOR FILING DATE: 1998-02-18  
; PRIOR APPLICATION NUMBER: US 60/094,190  
; PRIOR FILING DATE: 1998-07-27  
; NUMBER OF SEQ ID NOS: 33142  
; SEQ ID NO 31822  
; LENGTH: 1419  
; TYPE: PRT  
; ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-31822

Query Match 64.0%; Score 57; DB 2; Length 1419;

Best Local Similarity 66.7%; Pred. No. 3.9; Indels 5; Gaps 0;  
Matches 10; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDPAPR 15

Db 25 HLPRAQPHRRPAPR 39

## RESULT 6

US-09-252-991A-22856  
; Sequence 22856, Application US/09252991A  
; Patent No. 6551795  
; GENERAL INFORMATION:  
; APPLICANT: Marc J. Rubenfield et al.  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
; FILE REFERENCE: 107196.136  
; CURRENT APPLICATION NUMBER: US/09/252,991A  
; CURRENT FILING DATE: 1999-02-18  
; PRIOR APPLICATION NUMBER: US 60/074,788  
; PRIOR FILING DATE: 1998-02-18  
; PRIOR APPLICATION NUMBER: US 60/094,190  
; PRIOR FILING DATE: 1998-07-27  
; NUMBER OF SEQ ID NOS: 33142  
; SEQ ID NO 22856  
; LENGTH: 133  
; TYPE: PRT  
; ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-22856

Query Match 57.3%; Score 51; DB 2; Length 133;

Best Local Similarity 58.8%; Pred. No. 2.4; Indels 5; Gaps 1;  
Matches 10; Conservative 0; Mismatches 5; Indels 2; Gaps 1;

QY 1 HLPGN--KSPHRDPAPR 15

Db 109 HRPGTAASEPHRRSPAPR 125

## RESULT 7

US-09-252-991A-18109  
; Sequence 18109, Application US/09252991A  
; Patent No. 6551795  
; GENERAL INFORMATION:  
; APPLICANT: Marc J. Rubenfield et al.  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
; FILE REFERENCE: 107196.136  
; CURRENT APPLICATION NUMBER: US/09/252,991A  
; CURRENT FILING DATE: 1999-02-18  
; PRIOR APPLICATION NUMBER: US 60/074,788  
; PRIOR FILING DATE: 1998-02-18  
; PRIOR APPLICATION NUMBER: US 60/094,190  
; PRIOR FILING DATE: 1998-07-27  
; NUMBER OF SEQ ID NOS: 33142  
; SEQ ID NO 18109  
; LENGTH: 187  
; TYPE: PRT  
; ORGANISM: Pseudomonas aeruginosa

## US-09-252-991A-18109

Query Match 57.3%; Score 51; DB 2; Length 187;  
Best Local Similarity 57.1%; Pred. No. 3.5;  
Matches 8; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDPAP 14  
Db 89 HRPGRHRPHDPAP 102

## RESULT 8

US-09-252-991A-29952  
; Sequence 29952, Application US/09252991A  
; Patent No. 6551795  
; GENERAL INFORMATION:  
; APPLICANT: Marc J. Rubenfield et al.  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
; FILE REFERENCE: 107196.136  
; CURRENT APPLICATION NUMBER: US/09/252,991A  
; PRIOR FILING DATE: 1999-02-18  
; PRIOR APPLICATION NUMBER: US 60/074,788  
; PRIOR FILING DATE: 1998-02-18  
; PRIOR APPLICATION NUMBER: US 60/094,190  
; PRIOR FILING DATE: 1998-07-27  
; NUMBER OF SEQ ID NOS: 33142  
; SEQ ID NO 29952  
; LENGTH: 286  
; TYPE: PRT  
; ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-29952

Query Match 51.7%; Score 46; DB 2; Length 286;  
Best Local Similarity 53.3%; Pred. No. 30;  
Matches 8; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDPAP 15  
Db 35 HLPGRDAHRDPAPR 49

## RESULT 9

US-09-252-991A-21588  
; Sequence 21588, Application US/09252991A  
; Patent No. 6551795  
; GENERAL INFORMATION:  
; APPLICANT: Marc J. Rubenfield et al.  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
; FILE REFERENCE: 107196.136  
; CURRENT APPLICATION NUMBER: US/09/252,991A  
; PRIOR FILING DATE: 1999-02-18  
; PRIOR APPLICATION NUMBER: US 60/074,788  
; PRIOR FILING DATE: 1998-02-18  
; PRIOR APPLICATION NUMBER: US 60/094,190  
; PRIOR FILING DATE: 1998-07-27  
; NUMBER OF SEQ ID NOS: 33142  
; SEQ ID NO 21588  
; LENGTH: 307  
; TYPE: PRT  
; ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-21588

Query Match 51.7%; Score 46; DB 2; Length 307;  
Best Local Similarity 61.5%; Pred. No. 32;  
Matches 8; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 3 PGKNSPHRDPA 15  
Db 100 PGDRPPGRRPAPR 112

## RESULT 10

US-09-252-991A-25664  
; Sequence 25664, Application US/09252991A  
; Patent No. 6551795  
; GENERAL INFORMATION:  
; APPLICANT: Marc J. Rubenfield et al.  
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
; FILE REFERENCE: 107196.136  
; CURRENT APPLICATION NUMBER: US/09/252,991A  
; PRIOR FILING DATE: 1999-02-18  
; PRIOR APPLICATION NUMBER: US 60/074,788  
; PRIOR FILING DATE: 1998-02-18  
; PRIOR APPLICATION NUMBER: US 60/094,190  
; PRIOR FILING DATE: 1998-07-27  
; NUMBER OF SEQ ID NOS: 33142  
; SEQ ID NO 25664  
; LENGTH: 330  
; TYPE: PRT  
; ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-25664

Query Match 51.7%; Score 46; DB 2; Length 330;  
Best Local Similarity 53.8%; Pred. No. 35;  
Matches 7; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 3 PGKNSPHRDPA 15  
Db 5 PAGRRPHRQPOPR 17

## RESULT 11

US-09-270-767-35161  
; Sequence 35161, Application US/09270767  
; Patent No. 6703491  
; GENERAL INFORMATION:  
; APPLICANT: Homburger et al.  
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster  
; FILE REFERENCE: File Reference: 7326-094  
; CURRENT APPLICATION NUMBER: US/09/270,767  
; CURRENT FILING DATE: 1999-03-17  
; NUMBER OF SEQ ID NOS: 62517  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 35161  
; LENGTH: 392  
; TYPE: PRT  
; ORGANISM: Drosophila melanogaster  
; FEATURE:  
; OTHER INFORMATION: Xaa means any amino acid  
US-09-270-767-35161

Query Match 51.7%; Score 46; DB 2; Length 392;  
Best Local Similarity 66.7%; Pred. No. 42;  
Matches 8; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 2 LPGNKSPHRDPA 13  
Db 303 LPGNRPYRGPA 314

## RESULT 12

US-09-270-767-50378  
; Sequence 50378, Application US/09270767  
; Patent No. 6703491  
; GENERAL INFORMATION:  
; APPLICANT: Homburger et al.  
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster  
; FILE REFERENCE: File Reference: 7326-094  
; CURRENT APPLICATION NUMBER: US/09/270,767  
; CURRENT FILING DATE: 1999-03-17  
; NUMBER OF SEQ ID NOS: 62517  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 50378

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; LENGTH: 392
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
; FEATURE:
; OTHER INFORMATION: Xaa means any amino acid
US-09-270-767-50378

Query Match      51.7%; Score 46; DB 2; Length 392;
Best Local Similarity 66.7%; Pred. No. 42;
Matches 8; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 2 LPGNKSPHRDPA 13
Db 303 LPGNRWPYRGPA 314

RESULT 13
US-09-252-991A-30648
; Sequence 30648, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 30648
; LENGTH: 209
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-30648

Query Match      50.6%; Score 45; DB 2; Length 209;
Best Local Similarity 58.3%; Pred. No. 30;
Matches 7; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 3 PGKNSPHRDPA 14
Db 81 PGGRATHPDPA 92

RESULT 14
US-09-252-991A-23280
; Sequence 23280, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 23280
; LENGTH: 601
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-23280

Query Match      50.6%; Score 45; DB 2; Length 601;
Best Local Similarity 53.3%; Pred. No. 93;
Matches 8; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

Qy 1 HLPGNKSPHRDPAPR 15
Db 359 HLPDRAHPRRRPAPQ 373

RESULT 15
US-09-252-991A-24235
; Sequence 24235, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 24235
; LENGTH: 632
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-24235

Query Match      50.6%; Score 45; DB 2; Length 632;
Best Local Similarity 53.3%; Pred. No. 98;
Matches 8; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

Qy 1 HLPGNKSPHRDPAPR 15
Db 16 HLPAGAADHAPAPR 30

RESULT 16
US-09-949-016-11276
; Sequence 11276, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11276
; LENGTH: 689
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-11276

Query Match      50.6%; Score 45; DB 2; Length 689;
Best Local Similarity 53.8%; Pred. No. 1.1e+02;
Matches 7; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

Qy 3 PGKNSPHRDPA 15
Db 567 PGKQPHGPHGP 579

RESULT 17
US-10-012-231A-260
; Sequence 260, Application US/10012231A
```

```
/ Patent No. 6924355
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan I.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2830PIC23
/ CURRENT APPLICATION NUMBER: US/10/012,231A
/ CURRENT FILING DATE: 2002-06-10
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 260
/ LENGTH: 802
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-012-231A-260

Query Match      50.6%; Score 45; DB 2; Length 802;
Best Local Similarity 63.6%; Pred. No. 1.3e+02;
Matches 7; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

OY      2 LPGNKSPPHDP 12
DB      519 LPGSKSEHKP 529

RESULT 18
US-10-015-389A-260
/ Sequence 260, Application US/10015389A
/ Patent No. 6936436
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan I.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2830PIC48
/ CURRENT APPLICATION NUMBER: US/10/015,389A
/ CURRENT FILING DATE: 2002-06-25
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 260
/ LENGTH: 802
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-015-389A-260

Query Match      50.6%; Score 45; DB 2; Length 802;
Best Local Similarity 63.6%; Pred. No. 1.3e+02;
Matches 7; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

OY      2 LPGNKSPPHDP 12
DB      519 LPGSKSEHKP 529

RESULT 19
US-10-006-768A-260
/ Sequence 260, Application US/10006768A
/ Patent No. 6936697
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan I.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2830PIC10
/ CURRENT APPLICATION NUMBER: US/10/006,768A
/ CURRENT FILING DATE: 2002-03-05
/ NUMBER OF SEQ ID NOS: 477
/ Prior Application removed - See File Wrapper or Palm
/ SEQ ID NO 260
/ LENGTH: 802
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-006-768A-260

Query Match      50.6%; Score 45; DB 2; Length 802;
Best Local Similarity 63.6%; Pred. No. 1.3e+02;
Matches 7; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

OY      2 LPGNKSPPHDP 12
DB      519 LPGSKSEHKP 529

RESULT 20
US-10-015-671A-260
/ Sequence 260, Application US/10015671A
/ Patent No. 6946263
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan I.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2830PIC47
/ CURRENT APPLICATION NUMBER: US/10/015,671A
/ CURRENT FILING DATE: 2001-12-11
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 477
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; SEQ ID NO 260  
; LENGTH: 802  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-015-671A-260

Query Match 50.6%; Score 45; DB 2; Length 802;  
Best Local Similarity 63.6%; Pred. No. 1.3e+02;  
Matches 7; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 2 LPGNKSHPDRP 12  
|||:|:| |:  
Db 519 LPGSKSEHKEP 529

## RESULT 21

US-10-015-393A-260  
; Sequence 260, Application US/10015393A  
; Patent No. 6951737  
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan I.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2830PIC46

; CURRENT APPLICATION NUMBER: US/10/015,393A  
; CURRENT FILING DATE: 2002-06-10

; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 477  
; SEQ ID NO 260  
; LENGTH: 802

; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-015-393A-260

Query Match 50.6%; Score 45; DB 2; Length 802;  
Best Local Similarity 63.6%; Pred. No. 1.3e+02;  
Matches 7; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 2 LPGNKSHPDRP 12  
|||:|:| |:  
Db 519 LPGSKSEHKEP 529

## RESULT 22

US-10-011-833A-260  
; Sequence 260, Application US/10011833A  
; Patent No. 6951920  
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan I.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2830PIC22  
; CURRENT APPLICATION NUMBER: US/10/011,833A  
; CURRENT FILING DATE: 2002-06-25  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 477  
; SEQ ID NO 260  
; LENGTH: 802  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-011-833A-260

Query Match 50.6%; Score 45; DB 2; Length 802;  
Best Local Similarity 63.6%; Pred. No. 1.3e+02;  
Matches 7; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 2 LPGNKSHPDRP 12  
|||:|:| |:  
Db 519 LPGSKSEHKEP 529

## RESULT 23

US-10-006-041A-260  
; Sequence 260, Application US/10006041A  
; Patent No. 6951921  
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan I.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, Christopher J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2830PIC8

; CURRENT APPLICATION NUMBER: US/10/006,041A  
; CURRENT FILING DATE: 2001-12-06

; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 477  
; SEQ ID NO 260  
; LENGTH: 802

; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-006-041A-260

Query Match 50.6%; Score 45; DB 2; Length 802;  
Best Local Similarity 63.6%; Pred. No. 1.3e+02;  
Matches 7; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 2 LPGNKSHPDRP 12  
|||:|:| |:  
Db 519 LPGSKSEHKEP 529

## RESULT 24

US-10-012-064A-260  
; Sequence 260, Application US/10012064A  
; Patent No. 6953841  
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, Christopher J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Hillan, James  
APPLICANT: Pan, Nicholas F.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2830P1C19  
CURRENT APPLICATION NUMBER: US/10/012,064A  
CURRENT FILING DATE: 2002-07-15  
PRIOR APPLICATION NUMBER: 60/098716  
PRIOR FILING DATE: 1998-09-01  
PRIOR APPLICATION NUMBER: 60/098723  
PRIOR FILING DATE: 1998-09-01  
PRIOR APPLICATION NUMBER: 60/098749  
PRIOR FILING DATE: 1998-09-01  
PRIOR APPLICATION NUMBER: 60/098750  
PRIOR FILING DATE: 1998-09-01  
PRIOR APPLICATION NUMBER: 60/098803  
PRIOR FILING DATE: 1998-09-02  
PRIOR APPLICATION NUMBER: 60/098821  
PRIOR FILING DATE: 1998-09-02  
PRIOR APPLICATION NUMBER: 60/098843  
PRIOR FILING DATE: 1998-09-02  
PRIOR APPLICATION NUMBER: 60/098536  
PRIOR FILING DATE: 1998-09-09  
PRIOR APPLICATION NUMBER: 60/099596  
PRIOR FILING DATE: 1998-09-09  
PRIOR APPLICATION NUMBER: 60/099598  
PRIOR FILING DATE: 1998-09-09  
Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 477  
SEQ ID NO 260  
LENGTH: 802  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-012-064A-260

Query Match 50.6%; Score 45; DB 2; Length 802;  
Best Local Similarity 63.6%; Pred. No. 1.3e+02;  
Matches 7; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 2 LPGAHSRDP 12  
Db 519 LPGAHSRDP 529

RESULT 25  
US-08-819-288-3  
Sequence 3, Application US/08819288  
Patent No. 5955652  
GENERAL INFORMATION:  
APPLICANT: Ecker, Joseph  
APPLICANT: Alonso, Jose  
TITLE OF INVENTION: PLANT GENES FOR SENSITIVITY TO ETHYLENE  
NUMBER OF SEQUENCES: 19  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5955652 is  
STREET: One Liberty Place - 46th Floor  
CITY: Philadelphia  
STATE: PA  
COUNTRY: USA  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/819,288  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Beardell, Lori Y.  
REGISTRATION NUMBER: 34,293  
REFERENCE/DOCKET NUMBER: UPN-2949  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1294 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-819-288-3  
Query Match 50.6%; Score 45; DB 1; Length 1294;  
Best Local Similarity 61.5%; Pred. No. 2.1e+02;  
Matches 8; Conservative 2; Mismatches 3; Indels 0; Gaps 0;  
Qy 1 HLPNKSPPHDP 13  
Db 939 HLPNKSPPHDP 951  
Search completed: January 13, 2006, 17:22:54  
Job time : 18.871 secs

GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: January 13, 2006, 17:21:33 ; Search time 53.7097 Seconds  
(without alignments)  
116.691 Million cell updates/sec

Title: US-10-060-765-8

Perfect score: 89  
Sequence: 1 HLPGNKSPHRDPAPR 15

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 1867569 seqs, 417829326 residues

Total number of hits satisfying chosen parameters: 1867569

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA Main:

1: /cgn2\_6/prodata/1/pubpaa/US07\_PUBCOMB.pap:\*  
2: /cgn2\_6/prodata/1/pubpaa/US08\_PUBCOMB.pap:\*  
3: /cgn2\_6/prodata/1/pubpaa/US09\_PUBCOMB.pap:\*  
4: /cgn2\_6/prodata/1/pubpaa/US10A\_PUBCOMB.pap:\*  
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6: /cgn2\_6/prodata/1/pubpaa/US11\_PUBCOMB.pap:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	89	100.0	15	4	US-10-060-765-8
2	89	100.0	15	4	US-10-818-140-8
3	89	100.0	15	5	US-10-771-173-8
4	89	100.0	68	3	US-09-801-968-36
5	89	100.0	68	3	US-09-802-154-36
6	89	100.0	136	3	US-09-901-938-33
7	89	100.0	136	4	US-10-379-334-33
8	89	100.0	183	5	US-10-659-004-54
9	89	100.0	208	3	US-09-755-695-2
10	89	100.0	208	4	US-10-227-884-78
11	89	100.0	208	4	US-10-230-163-78
12	89	100.0	208	4	US-10-230-338-78
13	89	100.0	208	4	US-10-218-631-78
14	89	100.0	208	4	US-10-230-414-78
15	89	100.0	208	4	US-10-232-224-78
16	89	100.0	208	4	US-10-216-159A-78
17	89	100.0	208	4	US-10-218-849-78
18	89	100.0	208	4	US-10-227-873-78
19	89	100.0	208	4	US-10-227-883-78
20	89	100.0	208	4	US-10-219-076-78
21	89	100.0	208	4	US-10-230-434-78
22	89	100.0	208	4	US-10-219-003-78
23	89	100.0	208	4	US-10-219-075-78
24	89	100.0	208	4	US-10-219-464-78
25	89	100.0	208	4	US-10-219-466-78
26	89	100.0	208	4	US-10-219-479-78
27	89	100.0	208	4	US-10-219-481-78

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28 89 100.0 208 4 US-10-230-260-78 Sequence 78, Appl
29 89 100.0 208 4 US-10-232-231-78 Sequence 78, Appl
30 89 100.0 208 4 US-10-232-233-78 Sequence 78, Appl
31 89 100.0 208 4 US-10-216-165-78 Sequence 78, Appl
32 89 100.0 208 4 US-10-218-956-78 Sequence 78, Appl
33 89 100.0 208 4 US-10-219-468-78 Sequence 78, Appl
34 89 100.0 208 4 US-10-219-478-78 Sequence 78, Appl
35 89 100.0 208 4 US-10-219-536-78 Sequence 78, Appl
36 89 100.0 208 4 US-10-233-205-78 Sequence 78, Appl
37 89 100.0 208 4 US-10-219-072-78 Sequence 78, Appl
38 89 100.0 208 4 US-10-219-470-78 Sequence 78, Appl
39 89 100.0 208 4 US-10-219-474-78 Sequence 78, Appl
40 89 100.0 208 4 US-10-219-528-78 Sequence 78, Appl
41 89 100.0 208 4 US-10-219-528-78 Sequence 78, Appl
42 89 100.0 208 4 US-10-227-880-78 Sequence 78, Appl
43 89 100.0 208 4 US-10-227-881-78 Sequence 78, Appl
44 89 100.0 208 4 US-10-227-882-78 Sequence 78, Appl
45 89 100.0 208 4 US-10-230-436-78 Sequence 78, Appl

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#### ALIGNMENTS

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RESULT 1
US-10-060-765-8
; Sequence 8, Application US/10060765
; Publication No. US20020164713A1
; GENERAL INFORMATION:
; APPLICANT: Itch, No. US20020164713Aluyuki
; APPLICANT: Kavanaugh, W. Michael
; TITLE OF INVENTION: HUMAN EGF-21 GENE AND GENE EXPRESSION
; TITLE OF INVENTION: PRODUCTS
; FILE REFERENCE: PP-16758.001/201130.408
; CURRENT APPLICATION NUMBER: US/10/060,765
; CURRENT FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: US/09/715,805
; PRIOR FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 15
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-060-765-8

Query Match 100.0%; Score 89; DB 4; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.4e-05;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDPAPR 15
||| ||||| ||||| |||
DB 1 HLPGNKSPHRDPAPR 15

RESULT 2
US-10-818-140-8
; Sequence 8, Application US/10818140
; Publication No. US20040185494A1
; GENERAL INFORMATION:
; APPLICANT: Itch, Nobuyuki
; APPLICANT: Kavanaugh, W. Michael
; TITLE OF INVENTION: HUMAN EGF-21 GENE AND GENE EXPRESSION
; TITLE OF INVENTION: PRODUCTS
; FILE REFERENCE: PP-16758.001/201130.408
; CURRENT APPLICATION NUMBER: US/10/818,140
; CURRENT FILING DATE: 2004-04-05
; PRIOR APPLICATION NUMBER: US/09/715,805
; PRIOR FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 15
; TYPE: PRT

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; ORGANISM: Homo sapiens
US-10-818-140-8

Query Match      100.0%; Score 89; DB 4; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.4e-05;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 HLPGNKSPHRDPAPR 15
      |||||
Db      1 HLPGNKSPHRDPAPR 15
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RESULT 3
US-10-771-173-8
; Sequence 8, Application US/10771173
; Publication No. US20050037457A1
; GENERAL INFORMATION:
; APPLICANT: Itch, Nobuyuki
; APPLICANT: Kavanaugh, W. Michael
; TITLE OF INVENTION: HUMAN EGF-21 GENE AND GENE EXPRESSION
; TITLE OF INVENTION: PRODUCTS
; FILE REFERENCE: PP-16758.001/201130.408
; CURRENT APPLICATION NUMBER: US/10/771,173
; CURRENT FILING DATE: 2004-02-03
; PRIOR APPLICATION NUMBER: US/09/715,805
; PRIOR FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 15
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-771-173-8

Query Match      100.0%; Score 89; DB 5; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.4e-05;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 HLPGNKSPHRDPAPR 15
      |||||
Db      1 HLPGNKSPHRDPAPR 15
      |||||

RESULT 4
US-09-801-968-36
; Sequence 36, Application US/09801968
; Patent No. US20020082205A1
; GENERAL INFORMATION:
; APPLICANT: Itch, No. US20020082205Aluyuki
; APPLICANT: Kavanaugh, W. Michael
; TITLE OF INVENTION: HUMAN EGF-23 GENE AND GENE EXPRESSION
; TITLE OF INVENTION: PRODUCTS
; FILE REFERENCE: PP-17150.001/201130.40901
; CURRENT APPLICATION NUMBER: US/09/801,968
; CURRENT FILING DATE: 2001-03-07
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 36
; LENGTH: 68
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-801-968-36

Query Match      100.0%; Score 89; DB 3; Length 68;
Best Local Similarity 100.0%; Pred. No. 6.1e-05;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 HLPGNKSPHRDPAPR 15
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Db      4 HLPGNKSPHRDPAPR 18
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RESULT 5
US-09-801-968-36
; Sequence 36, Application US/09801968
; Patent No. US20020082205A1
; GENERAL INFORMATION:
; APPLICANT: Itch, No. US20020082205Aluyuki
; APPLICANT: Kavanaugh, W. Michael
; TITLE OF INVENTION: HUMAN EGF-23 GENE AND GENE EXPRESSION
; TITLE OF INVENTION: PRODUCTS
; FILE REFERENCE: PP-17150.001/201130.40901
; CURRENT APPLICATION NUMBER: US/09/801,968
; CURRENT FILING DATE: 2001-03-07
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 36
; LENGTH: 68
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-801-968-36

Query Match      100.0%; Score 89; DB 3; Length 68;
Best Local Similarity 100.0%; Pred. No. 6.1e-05;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 HLPGNKSPHRDPAPR 15
      |||||
Db      4 HLPGNKSPHRDPAPR 18
      |||||

RESULT 6
US-09-901-938-33
; Sequence 33, Application US/09901938
; Patent No. US20020156001A1
; GENERAL INFORMATION:
; APPLICANT: ECONS, Michael
; APPLICANT: WHITE, Kenneth
; APPLICANT: STROM, Tim
; APPLICANT: MEITINGER, Thomas
; TITLE OF INVENTION: NOVEL FIBROBLAST GROWTH FACTOR (FGF23) AND METHODS FOR USE
; FILE REFERENCE: 053884-5001
; CURRENT APPLICATION NUMBER: US/09/901,938
; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: 60/219,137
; PRIOR FILING DATE: 2000-07-19
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 33
; LENGTH: 136
; TYPE: PRT
; ORGANISM: Homo Sapiens
US-09-901-938-33

Query Match      100.0%; Score 89; DB 3; Length 136;
Best Local Similarity 100.0%; Pred. No. 0.00012;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 HLPGNKSPHRDPAPR 15
      |||||
Db      107 HLPGNKSPHRDPAPR 121
      |||||

RESULT 7
US-10-379-334-33
; Sequence 33, Application US/10379334
; Publication No. US20030181379A1
; GENERAL INFORMATION:
; APPLICANT: ECONS, Michael
; APPLICANT: WHITE, Kenneth
; APPLICANT: STROM, Tim
; APPLICANT: MEITINGER, Thomas
; TITLE OF INVENTION: NOVEL FIBROBLAST GROWTH FACTOR (FGF23) AND METHODS FOR USE
; FILE REFERENCE: 053884-5001
; CURRENT APPLICATION NUMBER: US/10/379,334
; CURRENT FILING DATE: 2003-03-04
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: PRIOR APPLICATION NUMBER: US/09/901,938
:
: PRIOR FILING DATE: 2001-07-10
: PRIOR APPLICATION NUMBER: 60/219,137
: PRIOR FILING DATE: 2000-07-19
: NUMBER OF SEQ ID NOS: 34
: SOFTWARE: PatentIn version 3.0
: SEQ ID NO 33
: LENGTH: 136
: TYPE: PRT
: ORGANISM: Homo Sapiens
US-10-379-334-33

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Query Match 100.0%; Score 89; DB 4; Length 136;  
Best Local Similarity 100.0%; Pred. No. 0.00012;  
Matches 15; Conservative 0; Mismatches 0; Indels

Qy 1 HLPGNKSPHRDPAPR 15  
Db 107 HLPGNKSPHRDPAPR 121

RESULT 8  
US-10-659-004-54  
; Sequence 54, Application US/10659004  
; Publication No. US20050048507A1  
; GENERAL INFORMATION:  
; APPLICANT: Zhong et al.

1 APPLICANT: Zhong et al.  
 2  
 3 TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD  
 4 FILE REFERENCE: 21402-608  
 5 CURRENT APPLICATION NUMBER: US/10/659,004  
 6 CURRENT FILING DATE: 2003-09-09  
 7  
 8 PRIOR APPLICATION NUMBER: 60/295,607  
 9 PRIOR FILING DATE: 2001-06-04  
 10  
 11 PRIOR APPLICATION NUMBER: 60/295,661  
 12 PRIOR FILING DATE: 2001-06-04  
 13  
 14 PRIOR APPLICATION NUMBER: 60/296,404  
 15 PRIOR FILING DATE: 2001-06-06  
 16  
 17 PRIOR APPLICATION NUMBER: 60/296,418  
 18 PRIOR FILING DATE: 2001-06-06  
 19  
 20 PRIOR APPLICATION NUMBER: 60/297,414  
 21 PRIOR FILING DATE: 2001-06-11  
 22  
 23 PRIOR APPLICATION NUMBER: 60/297,567  
 24 PRIOR FILING DATE: 2001-06-12  
 25  
 26 PRIOR APPLICATION NUMBER: 60/298,285  
 27 PRIOR FILING DATE: 2001-06-14  
 28  
 29 PRIOR APPLICATION NUMBER: 60/298,556  
 30 PRIOR FILING DATE: 2001-06-15  
 31  
 32 PRIOR APPLICATION NUMBER: 60/299,949  
 33 PRIOR FILING DATE: 2001-06-21  
 34  
 35 PRIOR APPLICATION NUMBER: 60/300,883  
 36 PRIOR FILING DATE: 2001-06-26  
 37  
 38 Remaining Prior Application data removed - See File Wrapper or PALM.

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Query Match      100.0%; Score 89; DB 5; Length 183;
Best Local Similarity 100.0%; Pred. No. 0.00016;
Matches 15; Conservative 0; Mismatches 0; Indels
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Qy 1 HLPGNKSPHRDPAPR 15  
Db 117 HLPGNKSPHRDPAPR 131

RESULT 9  
US-09-755-695-2  
; Sequence 2, Application US/09755695  
; Patent No. US20020081663A1

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; GENERAL INFORMATION:
; APPLICANT: Conklin, Darrell C.
; APPLICANT: Chen, Zhi
; TITLE OF INVENTION: NOVEL FGF HOMOLOG ZFGF11
; FILE REFERENCE: 00-03
; CURRENT APPLICATION NUMBER: US/09/755,695
; CURRENT FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/174,526
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-755-695-2

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Query Match 100.0%; Score 89; DB 3; Length 208;  
Best Local Similarity 100.0%; Pred. NO. 0.00018;  
Matches 15; Conservative 0; Mismatches 0; Indels

QY 1 HLPGNKSPHRDPAPR 15  
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Db 144 HLPGNKSPHRDPAPR 158

RESULT 10  
US-10-227-884-78  
; Sequence 78, Application US/10227884  
; Publication No. US20030027988A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

## RESULT 9

PRIOR APPLICATION NUMBER: 60/084441	PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/085323	PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/085323	PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085579	PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/086392	PRIOR FILING DATE: 1998-05-22
PRIOR APPLICATION NUMBER: 60/089532	PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089538	PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089905	PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/090691	PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090695	PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090695	PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090557	PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/091982	PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/095302	PRIOR FILING DATE: 1998-08-04
PRIOR APPLICATION NUMBER: 60/095318	PRIOR FILING DATE: 1998-08-04
PRIOR APPLICATION NUMBER: 60/095916	PRIOR FILING DATE: 1998-08-10
PRIOR APPLICATION NUMBER: 60/096146	PRIOR FILING DATE: 1998-08-11
PRIOR APPLICATION NUMBER: 60/096791	PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: 60/097986	PRIOR FILING DATE: 1998-08-26
PRIOR APPLICATION NUMBER: 60/098544	PRIOR FILING DATE: 1998-08-31
PRIOR APPLICATION NUMBER: 60/095956	PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598	PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099803	PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099811	PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099812	PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099816	PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/100038	PRIOR FILING DATE: 1998-09-11
PRIOR APPLICATION NUMBER: 60/100385	PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100390	PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100627	PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100848	PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100919	PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/101477	PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101738	PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101741	PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101786	PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: 60/101916	PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: 60/101922	PRIOR FILING DATE: 1998-09-25

PRIOR FILING DATE: 1998-09-24	PRIOR APPLICATION NUMBER: 60/106178
PRIOR FILING DATE: 1998-10-28	PRIOR APPLICATION NUMBER: 60/106248
PRIOR FILING DATE: 1998-10-29	PRIOR APPLICATION NUMBER: 60/106464
PRIOR FILING DATE: 1998-10-30	PRIOR APPLICATION NUMBER: 60/106905
PRIOR FILING DATE: 1998-11-03	PRIOR APPLICATION NUMBER: 60/108787
PRIOR FILING DATE: 1998-11-17	PRIOR APPLICATION NUMBER: 60/108801
PRIOR FILING DATE: 1998-11-17	PRIOR APPLICATION NUMBER: 60/108849
PRIOR FILING DATE: 1998-11-18	PRIOR APPLICATION NUMBER: 60/112422
PRIOR FILING DATE: 1998-12-15	PRIOR APPLICATION NUMBER: 60/113296
PRIOR FILING DATE: 1998-12-22	PRIOR APPLICATION NUMBER: 60/113605
PRIOR FILING DATE: 1998-12-23	PRIOR APPLICATION NUMBER: 60/113621
PRIOR FILING DATE: 1998-12-23	PRIOR APPLICATION NUMBER: 60/115558
PRIOR FILING DATE: 1999-01-12	PRIOR APPLICATION NUMBER: 60/115565
PRIOR FILING DATE: 1999-01-12	PRIOR APPLICATION NUMBER: 60/126773
PRIOR FILING DATE: 1999-01-12	PRIOR APPLICATION NUMBER: 60/127887
PRIOR FILING DATE: 1999-01-12	PRIOR APPLICATION NUMBER: 60/127887
PRIOR FILING DATE: 1999-03-19	PRIOR APPLICATION NUMBER: 60/125259
PRIOR FILING DATE: 1999-03-19	PRIOR APPLICATION NUMBER: 60/125775
PRIOR FILING DATE: 1999-03-23	PRIOR APPLICATION NUMBER: 60/126773
PRIOR FILING DATE: 1999-03-26	PRIOR APPLICATION NUMBER: 60/131022
PRIOR FILING DATE: 1999-04-26	PRIOR APPLICATION NUMBER: 60/131270
PRIOR FILING DATE: 1999-04-27	PRIOR APPLICATION NUMBER: 60/131291
PRIOR FILING DATE: 1999-04-27	PRIOR APPLICATION NUMBER: 60/131445
PRIOR FILING DATE: 1999-04-28	PRIOR APPLICATION NUMBER: 60/145698
PRIOR FILING DATE: 1999-07-26	PRIOR APPLICATION NUMBER: 60/146222
PRIOR FILING DATE: 1999-05-14	PRIOR APPLICATION NUMBER: 60/140650
PRIOR FILING DATE: 1999-06-22	PRIOR APPLICATION NUMBER: 60/140723
PRIOR FILING DATE: 1999-06-22	PRIOR APPLICATION NUMBER: 60/141037
PRIOR FILING DATE: 1999-06-23	PRIOR APPLICATION NUMBER: 60/144758
PRIOR FILING DATE: 1999-07-20	PRIOR APPLICATION NUMBER: 60/145698
PRIOR FILING DATE: 1999-07-26	PRIOR APPLICATION NUMBER: 60/149320
PRIOR FILING DATE: 1999-08-17	PRIOR APPLICATION NUMBER: 60/149638
PRIOR FILING DATE: 1999-08-17	PRIOR APPLICATION NUMBER: 60/151733
PRIOR FILING DATE: 1999-08-31	PRIOR APPLICATION NUMBER: 60/151733

1 PRIOR APPLICATION NUMBER: 60/164418  
2 PRIOR FILING DATE: 1999-11-09  
3 PRIOR APPLICATION NUMBER: 60/166361  
4 PRIOR FILING DATE: 1999-11-16  
5 PRIOR APPLICATION NUMBER: 60/169445  
6 PRIOR FILING DATE: 1999-12-07  
7 PRIOR APPLICATION NUMBER: 60/169495  
8 PRIOR FILING DATE: 1999-12-07  
9 PRIOR APPLICATION NUMBER: 60/169835

Query Match 100.0%; Score 89; DB 4; Length 208;

Best Local Similarity 100.0%; Pred. No. 0.00018; Mismatches 0; Indels 0; Gaps 0;

Matches 15; Conservative 0;

QY 1 HLPGNKSPHRDPAPR 15

Db 144 HLPGNKSPHRDPAPR 158

# RESULT 11

US-10-230-163-78  
Sequence 78, Application US/10230163  
Publication No. US20030635A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Desnoyers, Luc  
APPLICANT: Gerritsen, Mary  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Smith, Victoria  
APPLICANT: Stephan, Jean-Philippe F.  
APPLICANT: Watanabe, Colin L.  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3530PIC96  
CURRENT APPLICATION NUMBER: US/10/230,163  
CURRENT FILING DATE: 2002-08-28  
PRIOR APPLICATION NUMBER: 10/119,480  
PRIOR FILING DATE: 2002-04-09  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/062287  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/063549  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/064103  
PRIOR FILING DATE: 1997-10-31  
PRIOR APPLICATION NUMBER: 60/069873  
PRIOR FILING DATE: 1997-12-17  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079656  
PRIOR FILING DATE: 1998-03-26  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/081819  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081955  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/082804  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/084441  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/086392

1 PRIOR FILING DATE: 1998-05-22  
2 PRIOR APPLICATION NUMBER: 60/089532  
3 PRIOR FILING DATE: 1998-06-17  
4 PRIOR APPLICATION NUMBER: 60/089538  
5 PRIOR FILING DATE: 1998-06-17  
6 PRIOR APPLICATION NUMBER: 60/089905  
7 PRIOR FILING DATE: 1998-06-18  
8 PRIOR APPLICATION NUMBER: 60/090472  
9 PRIOR FILING DATE: 1998-06-24  
10 PRIOR APPLICATION NUMBER: 60/090557  
11 PRIOR FILING DATE: 1998-06-24  
12 PRIOR APPLICATION NUMBER: 60/090691  
13 PRIOR FILING DATE: 1998-06-25  
14 PRIOR APPLICATION NUMBER: 60/090695  
15 PRIOR FILING DATE: 1998-06-25  
16 PRIOR APPLICATION NUMBER: 60/091982  
17 PRIOR FILING DATE: 1998-07-07  
18 PRIOR APPLICATION NUMBER: 60/095302  
19 PRIOR FILING DATE: 1998-08-04  
20 PRIOR APPLICATION NUMBER: 60/095318  
21 PRIOR FILING DATE: 1998-08-04  
22 PRIOR APPLICATION NUMBER: 60/095916  
23 PRIOR FILING DATE: 1998-08-10  
24 PRIOR APPLICATION NUMBER: 60/096146  
25 PRIOR FILING DATE: 1998-08-11  
26 PRIOR APPLICATION NUMBER: 60/096791  
27 PRIOR FILING DATE: 1998-08-17  
28 PRIOR APPLICATION NUMBER: 60/097986  
29 PRIOR FILING DATE: 1998-08-26  
30 PRIOR APPLICATION NUMBER: 60/098544  
31 PRIOR FILING DATE: 1998-08-31  
32 PRIOR APPLICATION NUMBER: 60/099596  
33 PRIOR FILING DATE: 1998-09-09  
34 PRIOR APPLICATION NUMBER: 60/099598  
35 PRIOR FILING DATE: 1998-09-09  
36 PRIOR APPLICATION NUMBER: 60/099803  
37 PRIOR FILING DATE: 1998-09-10  
38 PRIOR APPLICATION NUMBER: 60/099811  
39 PRIOR FILING DATE: 1998-09-10  
40 PRIOR APPLICATION NUMBER: 60/099812  
41 PRIOR FILING DATE: 1998-09-10  
42 PRIOR APPLICATION NUMBER: 60/099816  
43 PRIOR FILING DATE: 1998-09-10  
44 PRIOR APPLICATION NUMBER: 60/100038  
45 PRIOR FILING DATE: 1998-09-11  
46 PRIOR APPLICATION NUMBER: 60/100385  
47 PRIOR FILING DATE: 1998-09-15  
48 PRIOR APPLICATION NUMBER: 60/100390  
49 PRIOR FILING DATE: 1998-09-15  
50 PRIOR APPLICATION NUMBER: 60/100627  
51 PRIOR FILING DATE: 1998-09-16  
52 PRIOR APPLICATION NUMBER: 60/100848  
53 PRIOR FILING DATE: 1998-09-18  
54 PRIOR APPLICATION NUMBER: 60/100919  
55 PRIOR FILING DATE: 1998-09-17  
56 PRIOR APPLICATION NUMBER: 60/101477  
57 PRIOR FILING DATE: 1998-09-23  
58 PRIOR APPLICATION NUMBER: 60/101738  
59 PRIOR FILING DATE: 1998-09-24  
60 PRIOR APPLICATION NUMBER: 60/101741  
61 PRIOR FILING DATE: 1998-09-24  
62 PRIOR APPLICATION NUMBER: 60/101786  
63 PRIOR FILING DATE: 1998-09-25  
64 PRIOR APPLICATION NUMBER: 60/101916  
65 PRIOR FILING DATE: 1998-09-24  
66 PRIOR APPLICATION NUMBER: 60/101922  
67 PRIOR FILING DATE: 1998-09-24  
68 PRIOR APPLICATION NUMBER: 60/101786  
69 PRIOR FILING DATE: 1998-10-28  
70 PRIOR APPLICATION NUMBER: 60/106248  
71 PRIOR FILING DATE: 1998-10-29  
72 PRIOR APPLICATION NUMBER: 60/106464  
73 PRIOR FILING DATE: 1998-10-30

; PRIOR APPLICATION NUMBER: 60/106905  
; PRIOR FILING DATE: 1998-11-03  
; PRIOR APPLICATION NUMBER: 60/108787  
; PRIOR FILING DATE: 1998-11-17  
; PRIOR APPLICATION NUMBER: 60/108801  
; PRIOR FILING DATE: 1998-11-17  
; PRIOR APPLICATION NUMBER: 60/108849  
; PRIOR FILING DATE: 1998-11-18  
; PRIOR APPLICATION NUMBER: 60/112422  
; PRIOR FILING DATE: 1998-12-15  
; PRIOR APPLICATION NUMBER: 60/113296  
; PRIOR FILING DATE: 1998-12-22  
; PRIOR APPLICATION NUMBER: 60/113605  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/113621  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/115558  
; PRIOR FILING DATE: 1999-01-12  
; PRIOR APPLICATION NUMBER: 60/115565  
; PRIOR FILING DATE: 1999-01-12  
; PRIOR APPLICATION NUMBER: 60/115733  
; PRIOR FILING DATE: 1999-01-12  
; PRIOR APPLICATION NUMBER: 60/119549  
; PRIOR FILING DATE: 1999-02-10  
; PRIOR APPLICATION NUMBER: 60/123618  
; PRIOR FILING DATE: 1999-03-10  
; PRIOR APPLICATION NUMBER: 60/125259  
; PRIOR FILING DATE: 1999-03-19  
; PRIOR APPLICATION NUMBER: 60/125775  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 60/126773  
; PRIOR FILING DATE: 1999-03-29  
; PRIOR APPLICATION NUMBER: 60/127887  
; PRIOR FILING DATE: 1999-04-05  
; PRIOR APPLICATION NUMBER: 60/130232  
; PRIOR FILING DATE: 1999-04-21  
; PRIOR APPLICATION NUMBER: 60/131022  
; PRIOR FILING DATE: 1999-04-26  
; PRIOR APPLICATION NUMBER: 60/131270  
; PRIOR FILING DATE: 1999-04-27  
; PRIOR APPLICATION NUMBER: 60/131291  
; PRIOR FILING DATE: 1999-04-27  
; PRIOR APPLICATION NUMBER: 60/131445  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 60/134287  
; PRIOR FILING DATE: 1999-05-14  
; PRIOR APPLICATION NUMBER: 60/140650  
; PRIOR FILING DATE: 1999-06-22  
; PRIOR APPLICATION NUMBER: 60/140723  
; PRIOR FILING DATE: 1999-06-22  
; PRIOR APPLICATION NUMBER: 60/141037  
; PRIOR FILING DATE: 1999-06-23  
; PRIOR APPLICATION NUMBER: 60/144758  
; PRIOR FILING DATE: 1999-07-20  
; PRIOR APPLICATION NUMBER: 60/145698  
; PRIOR FILING DATE: 1999-07-26  
; PRIOR APPLICATION NUMBER: 60/146222  
; PRIOR FILING DATE: 1999-07-28  
; PRIOR APPLICATION NUMBER: 60/146963  
; PRIOR FILING DATE: 1999-08-03  
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; PRIOR FILING DATE: 1999-08-17  
; PRIOR APPLICATION NUMBER: 60/149638  
; PRIOR FILING DATE: 1999-08-17  
; PRIOR APPLICATION NUMBER: 60/151733  
; PRIOR FILING DATE: 1999-08-31  
; PRIOR APPLICATION NUMBER: 60/164418  
; PRIOR FILING DATE: 1999-11-09  
; PRIOR APPLICATION NUMBER: 60/166361  
; PRIOR FILING DATE: 1999-11-16  
; PRIOR APPLICATION NUMBER: 60/169445  
; PRIOR FILING DATE: 1999-12-07  
; PRIOR APPLICATION NUMBER: 60/169495

; PRIOR FILING DATE: 1999-12-07  
; PRIOR APPLICATION NUMBER: 60/169835  
  
Query Match 100.0%; Score 89; DB 4; Length 208;  
Best Local Similarity 100.0%; Pred. No. 0.00018;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 HLPGNKSPHRDPAPR 15  
DB 144 HLPGNKSPHRDPAPR 158  
  
RESULT 12  
US-10-230-338-78  
; Sequence 78, Application US/10230338  
; Publication No. US20030044934A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Geritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530P1C92  
; CURRENT APPLICATION NUMBER: US/10/230,338  
; CURRENT FILING DATE: 2002-08-28  
; PRIOR APPLICATION NUMBER: 10/119,480  
; PRIOR FILING DATE: 2002-04-09  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063549  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/069873  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 246  
; SEQ ID NO 78  
; LENGTH: 208  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-230-338-78  
  
Query Match 100.0%; Score 89; DB 4; Length 208;  
Best Local Similarity 100.0%; Pred. No. 0.00018;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 HLPGNKSPHRDPAPR 15  
DB 144 HLPGNKSPHRDPAPR 158  
  
RESULT 13  
US-10-218-631-78  
; Sequence 78, Application US/10218631



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; Publication No. US20030045687A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3530PIC14
; CURRENT APPLICATION NUMBER: US/10/218,631
; CURRENT FILING DATE: 2002-08-12
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 78
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-218-631-78

Query Match 100.0%; Score 89; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 0.00018;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 HLPGNKSPHRDPAPR 15
Db 144 HLPGNKSPHRDPAPR 158

RESULT 14
US-10-230-414-78
; Sequence 78, Application US/10230414
; Publication No. US20030050448A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
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; FILE REFERENCE: P3530PIC98
; CURRENT APPLICATION NUMBER: US/10/230,414
; CURRENT FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 78
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-230-414-78

Query Match 100.0%; Score 89; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 0.00018;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy 1 HLPGNKSPHRDPAPR 15
Db 144 HLPGNKSPHRDPAPR 158

RESULT 15
US-10-232-224-78
; Sequence 78, Application US/10232224
; Publication No. US20030065147A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3530PIC11
; CURRENT APPLICATION NUMBER: US/10/232,224
; CURRENT FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
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; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 78
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-232-224-78

Query Match      100.0%; Score 89; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 0.00018;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 HLPGNKSPHRDPAPR 15
      |||||
Db      144 HLPGNKSPHRDPAPR 158

RESULT 16
US-10-216-159A-78
; Sequence 78, Application US/10216159A
; Publication No. US20030069397A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC6
; CURRENT FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 78
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-216-159A-78
```

```

Query Match      100.0%; Score 89; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 0.00018;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 HLPGNKSPHRDPAPR 15
      |||||
Db      144 HLPGNKSPHRDPAPR 158

RESULT 17
US-10-218-849-78
; Sequence 78, Application US/10218849
; Publication No. US20030073814A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC11
; CURRENT APPLICATION NUMBER: US/10/218,849
; CURRENT FILING DATE: 2002-08-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 78
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-218-849-78

Query Match      100.0%; Score 89; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 0.00018;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 HLPGNKSPHRDPAPR 15
      |||||
Db      144 HLPGNKSPHRDPAPR 158

RESULT 18
US-10-227-873-78
; Sequence 78, Application US/10227873
; Publication No. US20030073816A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC72
; CURRENT APPLICATION NUMBER: US/10/227,873
; CURRENT FILING DATE: 2002-08-26
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
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PRIOR FILING DATE: 1998-09-11	PRIOR APPLICATION NUMBER: 60/100385
PRIOR FILING DATE: 1998-09-15	PRIOR APPLICATION NUMBER: 60/100390
PRIOR FILING DATE: 1998-09-15	PRIOR APPLICATION NUMBER: 60/100627
PRIOR FILING DATE: 1998-09-16	PRIOR APPLICATION NUMBER: 60/100848
PRIOR FILING DATE: 1998-09-18	PRIOR APPLICATION NUMBER: 60/100919
PRIOR FILING DATE: 1998-09-17	PRIOR APPLICATION NUMBER: 60/101477
PRIOR FILING DATE: 1998-09-23	PRIOR APPLICATION NUMBER: 60/101738
PRIOR FILING DATE: 1998-09-24	PRIOR APPLICATION NUMBER: 60/101741
PRIOR FILING DATE: 1998-09-24	PRIOR APPLICATION NUMBER: 60/101786
PRIOR FILING DATE: 1998-09-25	PRIOR APPLICATION NUMBER: 60/101916
PRIOR FILING DATE: 1998-09-24	PRIOR APPLICATION NUMBER: 60/101922
PRIOR FILING DATE: 1998-09-24	PRIOR APPLICATION NUMBER: 60/106178
PRIOR FILING DATE: 1998-10-28	PRIOR APPLICATION NUMBER: 60/106248
PRIOR FILING DATE: 1998-10-29	PRIOR APPLICATION NUMBER: 60/106464
PRIOR FILING DATE: 1998-10-30	PRIOR APPLICATION NUMBER: 60/106905
PRIOR FILING DATE: 1998-11-03	PRIOR APPLICATION NUMBER: 60/108787
PRIOR FILING DATE: 1998-11-17	PRIOR APPLICATION NUMBER: 60/108801
PRIOR FILING DATE: 1998-11-17	PRIOR APPLICATION NUMBER: 60/108849
PRIOR FILING DATE: 1998-11-18	PRIOR APPLICATION NUMBER: 60/112422
PRIOR FILING DATE: 1998-12-15	PRIOR APPLICATION NUMBER: 60/113296
PRIOR FILING DATE: 1998-12-22	PRIOR APPLICATION NUMBER: 60/113605
PRIOR FILING DATE: 1998-12-23	PRIOR APPLICATION NUMBER: 60/113621
PRIOR FILING DATE: 1998-12-23	PRIOR APPLICATION NUMBER: 60/115733
PRIOR FILING DATE: 1999-01-12	PRIOR APPLICATION NUMBER: 60/115558
PRIOR FILING DATE: 1999-01-12	PRIOR APPLICATION NUMBER: 60/115565
PRIOR FILING DATE: 1999-01-12	PRIOR APPLICATION NUMBER: 60/126773
PRIOR FILING DATE: 1999-01-12	PRIOR APPLICATION NUMBER: 60/127887
PRIOR FILING DATE: 1999-04-05	PRIOR APPLICATION NUMBER: 60/130232
PRIOR FILING DATE: 1999-04-21	PRIOR APPLICATION NUMBER: 60/131022
PRIOR FILING DATE: 1999-04-26	PRIOR APPLICATION NUMBER: 60/131270
PRIOR FILING DATE: 1999-04-27	PRIOR APPLICATION NUMBER: 60/131291
PRIOR FILING DATE: 1999-04-27	PRIOR APPLICATION NUMBER: 60/131445
PRIOR FILING DATE: 1999-04-27	PRIOR APPLICATION NUMBER: 60/131445

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/ PRIOR APPLICATION NUMBER: 60/134287
/ PRIOR FILING DATE: 1999-05-14
/ PRIOR APPLICATION NUMBER: 60/140650
/ PRIOR FILING DATE: 1999-06-22
/ PRIOR APPLICATION NUMBER: 60/140723
/ PRIOR FILING DATE: 1999-06-22
/ PRIOR APPLICATION NUMBER: 60/141037
/ PRIOR FILING DATE: 1999-06-23
/ PRIOR APPLICATION NUMBER: 60/144758
/ PRIOR FILING DATE: 1999-07-20
/ PRIOR APPLICATION NUMBER: 60/145698
/ PRIOR FILING DATE: 1999-07-26
/ PRIOR APPLICATION NUMBER: 60/146222
/ PRIOR FILING DATE: 1999-07-28
/ PRIOR APPLICATION NUMBER: 60/146963
/ PRIOR FILING DATE: 1999-08-03
/ PRIOR APPLICATION NUMBER: 60/149320
/ PRIOR FILING DATE: 1999-08-17
/ PRIOR APPLICATION NUMBER: 60/149638
/ PRIOR FILING DATE: 1999-08-17
/ PRIOR APPLICATION NUMBER: 60/151733
/ PRIOR FILING DATE: 1999-08-31
/ PRIOR APPLICATION NUMBER: 60/164418
/ PRIOR FILING DATE: 1999-11-09
/ PRIOR APPLICATION NUMBER: 60/166361
/ PRIOR FILING DATE: 1999-11-16
/ PRIOR APPLICATION NUMBER: 60/169445
/ PRIOR FILING DATE: 1999-12-07
/ PRIOR APPLICATION NUMBER: 60/169495
/ PRIOR FILING DATE: 1999-12-07
/ PRIOR APPLICATION NUMBER: 60/169835

Query Match 100.0%; Score 89; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 0.00018;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDPAPR 15
Db 144 HLPGNKSPHRDPAPR 158

RESULT 19
US-10-227-883-78
/ Sequence 78, Application US/10227883
/ Publication No. US20030073817A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Gerritsen, Mary
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Smith, Victoria
/ APPLICANT: Stephan, Jean-Philippe F.
/ APPLICANT: Watanabe, Colin L.
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ FILE REFERENCE: P3530P1C78
/ CURRENT APPLICATION NUMBER: US/10/227,883
/ CURRENT FILING DATE: 2002-08-26
/ PRIOR APPLICATION NUMBER: 10/119,480
/ PRIOR FILING DATE: 2002-04-09
/ PRIOR APPLICATION NUMBER: 60/059113
/ PRIOR FILING DATE: 1997-09-17
/ PRIOR APPLICATION NUMBER: 60/062287
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/063549
/ PRIOR FILING DATE: 1997-10-28
/ PRIOR APPLICATION NUMBER: 60/064103
/ PRIOR FILING DATE: 1997-10-31
/ PRIOR APPLICATION NUMBER: 60/069873

/ PRIOR FILING DATE: 1997-12-17
/ PRIOR APPLICATION NUMBER: 60/078910
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/079294
/ PRIOR FILING DATE: 1998-03-25
/ PRIOR APPLICATION NUMBER: 60/079656
/ PRIOR FILING DATE: 1998-03-26
/ PRIOR APPLICATION NUMBER: 60/079728
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/081819
/ PRIOR FILING DATE: 1998-04-15
/ PRIOR APPLICATION NUMBER: 60/081955
/ PRIOR FILING DATE: 1998-04-15
/ PRIOR APPLICATION NUMBER: 60/082804
/ PRIOR FILING DATE: 1998-04-22
/ PRIOR APPLICATION NUMBER: 60/084441
/ PRIOR FILING DATE: 1998-05-06
/ PRIOR APPLICATION NUMBER: 60/085323
/ PRIOR FILING DATE: 1998-05-13
/ PRIOR APPLICATION NUMBER: 60/085579
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/086392
/ PRIOR FILING DATE: 1998-05-22
/ PRIOR APPLICATION NUMBER: 60/089532
/ PRIOR FILING DATE: 1998-06-17
/ PRIOR APPLICATION NUMBER: 60/089538
/ PRIOR FILING DATE: 1998-06-17
/ PRIOR APPLICATION NUMBER: 60/089905
/ PRIOR FILING DATE: 1998-06-18
/ PRIOR APPLICATION NUMBER: 60/090472
/ PRIOR FILING DATE: 1998-06-24
/ PRIOR APPLICATION NUMBER: 60/090557
/ PRIOR FILING DATE: 1998-06-24
/ PRIOR APPLICATION NUMBER: 60/090691
/ PRIOR FILING DATE: 1998-06-25
/ PRIOR APPLICATION NUMBER: 60/090695
/ PRIOR FILING DATE: 1998-06-25
/ PRIOR APPLICATION NUMBER: 60/091982
/ PRIOR FILING DATE: 1998-07-07
/ PRIOR APPLICATION NUMBER: 60/095302
/ PRIOR FILING DATE: 1998-08-04
/ PRIOR APPLICATION NUMBER: 60/095318
/ PRIOR FILING DATE: 1998-08-04
/ PRIOR APPLICATION NUMBER: 60/095916
/ PRIOR FILING DATE: 1998-08-10
/ PRIOR APPLICATION NUMBER: 60/096146
/ PRIOR FILING DATE: 1998-08-11
/ PRIOR APPLICATION NUMBER: 60/096791
/ PRIOR FILING DATE: 1998-08-17
/ PRIOR APPLICATION NUMBER: 60/097986
/ PRIOR FILING DATE: 1998-08-26
/ PRIOR APPLICATION NUMBER: 60/098544
/ PRIOR FILING DATE: 1998-08-31
/ PRIOR APPLICATION NUMBER: 60/099596
/ PRIOR FILING DATE: 1998-09-09
/ PRIOR APPLICATION NUMBER: 60/099598
/ PRIOR FILING DATE: 1998-09-09
/ PRIOR APPLICATION NUMBER: 60/099803
/ PRIOR FILING DATE: 1998-09-10
/ PRIOR APPLICATION NUMBER: 60/099811
/ PRIOR FILING DATE: 1998-09-10
/ PRIOR APPLICATION NUMBER: 60/099812
/ PRIOR FILING DATE: 1998-09-10
/ PRIOR APPLICATION NUMBER: 60/099816
/ PRIOR FILING DATE: 1998-09-10
/ PRIOR APPLICATION NUMBER: 60/100038
/ PRIOR FILING DATE: 1998-09-11
/ PRIOR APPLICATION NUMBER: 60/100385
/ PRIOR FILING DATE: 1998-09-15
/ PRIOR APPLICATION NUMBER: 60/100390
/ PRIOR FILING DATE: 1998-09-15
/ PRIOR APPLICATION NUMBER: 60/100627
/ PRIOR FILING DATE: 1998-09-16
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; PRIOR APPLICATION NUMBER: 60/100848  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/100919  
; PRIOR FILING DATE: 1998-09-17  
; PRIOR APPLICATION NUMBER: 60/101477  
; PRIOR FILING DATE: 1998-09-23  
; PRIOR APPLICATION NUMBER: 60/101738  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/101741  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/101786  
; PRIOR FILING DATE: 1998-09-25  
; PRIOR APPLICATION NUMBER: 60/101916  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/101922  
; PRIOR FILING DATE: 1998-09-24  
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; PRIOR FILING DATE: 1998-10-28  
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; PRIOR APPLICATION NUMBER: 60/106464  
; PRIOR FILING DATE: 1998-10-30  
; PRIOR APPLICATION NUMBER: 60/106905  
; PRIOR FILING DATE: 1998-11-03  
; PRIOR APPLICATION NUMBER: 60/108787  
; PRIOR FILING DATE: 1998-11-17  
; PRIOR APPLICATION NUMBER: 60/108801  
; PRIOR FILING DATE: 1998-11-17  
; PRIOR APPLICATION NUMBER: 60/108849  
; PRIOR FILING DATE: 1998-11-18  
; PRIOR APPLICATION NUMBER: 60/112422  
; PRIOR FILING DATE: 1998-12-15  
; PRIOR APPLICATION NUMBER: 60/113296  
; PRIOR FILING DATE: 1998-12-22  
; PRIOR APPLICATION NUMBER: 60/113605  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/113621  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/115558  
; PRIOR FILING DATE: 1999-01-12  
; PRIOR APPLICATION NUMBER: 60/115565  
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; PRIOR APPLICATION NUMBER: 60/115733  
; PRIOR FILING DATE: 1999-01-12  
; PRIOR APPLICATION NUMBER: 60/119549  
; PRIOR FILING DATE: 1999-02-10  
; PRIOR APPLICATION NUMBER: 60/123618  
; PRIOR FILING DATE: 1999-03-10  
; PRIOR APPLICATION NUMBER: 60/125259  
; PRIOR FILING DATE: 1999-03-19  
; PRIOR APPLICATION NUMBER: 60/125775  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 60/126773  
; PRIOR FILING DATE: 1999-03-29  
; PRIOR APPLICATION NUMBER: 60/127887  
; PRIOR FILING DATE: 1999-04-05  
; PRIOR APPLICATION NUMBER: 60/130232  
; PRIOR FILING DATE: 1999-04-21  
; PRIOR APPLICATION NUMBER: 60/131022  
; PRIOR FILING DATE: 1999-04-26  
; PRIOR APPLICATION NUMBER: 60/131270  
; PRIOR FILING DATE: 1999-04-27  
; PRIOR APPLICATION NUMBER: 60/131291  
; PRIOR FILING DATE: 1999-04-27  
; PRIOR APPLICATION NUMBER: 60/131445  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 60/134287  
; PRIOR FILING DATE: 1999-05-14  
; PRIOR APPLICATION NUMBER: 60/140650  
; PRIOR FILING DATE: 1999-06-22  
; PRIOR APPLICATION NUMBER: 60/140723  
; PRIOR FILING DATE: 1999-06-22  
; PRIOR APPLICATION NUMBER: 60/141037

; PRIOR FILING DATE: 1999-06-23  
; PRIOR APPLICATION NUMBER: 60/144758  
; PRIOR FILING DATE: 1999-07-20  
; PRIOR APPLICATION NUMBER: 60/145698  
; PRIOR FILING DATE: 1999-07-26  
; PRIOR APPLICATION NUMBER: 60/146222  
; PRIOR FILING DATE: 1999-07-28  
; PRIOR APPLICATION NUMBER: 60/146963  
; PRIOR FILING DATE: 1999-08-03  
; PRIOR APPLICATION NUMBER: 60/149320  
; PRIOR FILING DATE: 1999-08-17  
; PRIOR APPLICATION NUMBER: 60/149638  
; PRIOR FILING DATE: 1999-08-17  
; PRIOR APPLICATION NUMBER: 60/151733  
; PRIOR FILING DATE: 1999-08-31  
; PRIOR APPLICATION NUMBER: 60/164418  
; PRIOR FILING DATE: 1999-11-09  
; PRIOR APPLICATION NUMBER: 60/166361  
; PRIOR FILING DATE: 1999-11-16  
; PRIOR APPLICATION NUMBER: 60/169445  
; PRIOR FILING DATE: 1999-12-07  
; PRIOR APPLICATION NUMBER: 60/169495  
; PRIOR FILING DATE: 1999-12-07  
; PRIOR APPLICATION NUMBER: 60/169835

Query Match 100.0%; Score 89; DB 4; Length 208;  
Best Local Similarity 100.0%; Pred. No. 0.00018;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDPAPR 15  
Db 144 HLPGNKSPHRDPAPR 158

## RESULT 20

US-10-219-076-78  
; Sequence 78, Application US/10219076  
; Publication NO. US20030078379A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530PIC62  
; CURRENT APPLICATION NUMBER: US/10/219,076  
; CURRENT FILING DATE: 2002-08-14  
; PRIOR APPLICATION NUMBER: 10/119,480  
; PRIOR FILING DATE: 2002-04-09  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063549  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/069873  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26

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; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 78
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-076-78

Query Match          100.0%; Score 89; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 0.00018; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDPAPR 15
Db 144 HLPGNKSPHRDPAPR 158

RESULT 21
US-10-230-434-78
; Sequence 78, Application US/10230434
; Publication No. US20030078380A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC82
; CURRENT APPLICATION NUMBER: US/10/230,434
; CURRENT FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/086392
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; PRIOR APPLICATION NUMBER: 60/089532
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; PRIOR APPLICATION NUMBER: 60/089538
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; PRIOR APPLICATION NUMBER: 60/089905
; PRIOR FILING DATE: 1998-06-18
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; PRIOR APPLICATION NUMBER: 60/090695
; PRIOR FILING DATE: 1998-06-25
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; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/095302
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/095318
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/095916
; PRIOR FILING DATE: 1998-08-10
; PRIOR APPLICATION NUMBER: 60/096146
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; PRIOR APPLICATION NUMBER: 60/096791
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 60/097986
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: 60/098544
; PRIOR FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
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; PRIOR APPLICATION NUMBER: 60/099803
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; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099812
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099816
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/100038
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/100385
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100390
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100627
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100848
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/100919
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/101477
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101738
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101741
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101786
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: 60/101916
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101922
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; PRIOR APPLICATION NUMBER: 60/106178
; PRIOR FILING DATE: 1998-10-28
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; PRIOR FILING DATE: 1998-10-29
; PRIOR APPLICATION NUMBER: 60/106464
; PRIOR FILING DATE: 1998-10-30
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; PRIOR APPLICATION NUMBER: 60/106905  
; PRIOR FILING DATE: 1998-11-03  
; PRIOR APPLICATION NUMBER: 60/108787  
; PRIOR FILING DATE: 1998-11-17  
; PRIOR APPLICATION NUMBER: 60/108801  
; PRIOR FILING DATE: 1998-11-17  
; PRIOR APPLICATION NUMBER: 60/108849  
; PRIOR FILING DATE: 1998-11-18  
; PRIOR APPLICATION NUMBER: 60/112422  
; PRIOR FILING DATE: 1998-12-15  
; PRIOR APPLICATION NUMBER: 60/113296  
; PRIOR FILING DATE: 1998-12-22  
; PRIOR APPLICATION NUMBER: 60/113605  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/113621  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/115558  
; PRIOR FILING DATE: 1999-01-12  
; PRIOR APPLICATION NUMBER: 60/115565  
; PRIOR FILING DATE: 1999-01-12  
; PRIOR APPLICATION NUMBER: 60/115733  
; PRIOR FILING DATE: 1999-01-12  
; PRIOR APPLICATION NUMBER: 60/119549  
; PRIOR FILING DATE: 1999-02-10  
; PRIOR APPLICATION NUMBER: 60/123618  
; PRIOR FILING DATE: 1999-03-10  
; PRIOR APPLICATION NUMBER: 60/125259  
; PRIOR FILING DATE: 1999-03-19  
; PRIOR APPLICATION NUMBER: 60/125775  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 60/126773  
; PRIOR FILING DATE: 1999-03-29  
; PRIOR APPLICATION NUMBER: 60/127887  
; PRIOR FILING DATE: 1999-04-05  
; PRIOR APPLICATION NUMBER: 60/130232  
; PRIOR FILING DATE: 1999-04-21  
; PRIOR APPLICATION NUMBER: 60/131022  
; PRIOR FILING DATE: 1999-04-26  
; PRIOR APPLICATION NUMBER: 60/131270  
; PRIOR FILING DATE: 1999-04-27  
; PRIOR APPLICATION NUMBER: 60/131291  
; PRIOR FILING DATE: 1999-04-27  
; PRIOR APPLICATION NUMBER: 60/131445  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 60/134287  
; PRIOR FILING DATE: 1999-05-14  
; PRIOR APPLICATION NUMBER: 60/140650  
; PRIOR FILING DATE: 1999-06-22  
; PRIOR APPLICATION NUMBER: 60/140723  
; PRIOR FILING DATE: 1999-06-22  
; PRIOR APPLICATION NUMBER: 60/141037  
; PRIOR FILING DATE: 1999-06-23  
; PRIOR APPLICATION NUMBER: 60/144758  
; PRIOR FILING DATE: 1999-07-20  
; PRIOR APPLICATION NUMBER: 60/145698  
; PRIOR FILING DATE: 1999-07-26  
; PRIOR APPLICATION NUMBER: 60/146222  
; PRIOR FILING DATE: 1999-07-28  
; PRIOR APPLICATION NUMBER: 60/146963  
; PRIOR FILING DATE: 1999-08-03  
; PRIOR APPLICATION NUMBER: 60/149320  
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; PRIOR APPLICATION NUMBER: 60/149638  
; PRIOR FILING DATE: 1999-08-17  
; PRIOR APPLICATION NUMBER: 60/151733  
; PRIOR FILING DATE: 1999-08-31  
; PRIOR APPLICATION NUMBER: 60/164418  
; PRIOR FILING DATE: 1999-11-09  
; PRIOR APPLICATION NUMBER: 60/166361  
; PRIOR FILING DATE: 1999-11-16  
; PRIOR APPLICATION NUMBER: 60/169445  
; PRIOR FILING DATE: 1999-12-07  
; PRIOR APPLICATION NUMBER: 60/169495

; PRIOR FILING DATE: 1999-12-07  
; PRIOR APPLICATION NUMBER: 60/169835  
  
Query Match 100.0%; Score 89; DB 4; Length 208;  
Best Local Similarity 100.0%; Pred. No. 0.00018;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 HLPGNKSPHRDPAPR 15  
Db 144 HLPGNKSPHRDPAPR 158  
  
RESULT 22  
US-10-219-003-78  
; Sequence 78, Application US/10219003  
; Publication No. US20030088063A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Guiney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530PIC12  
; CURRENT APPLICATION NUMBER: US/10/219,003  
; CURRENT FILING DATE: 2002-08-12  
; PRIOR APPLICATION NUMBER: 10/119,480  
; PRIOR FILING DATE: 2002-04-09  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063549  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/069873  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
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; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
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; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081955  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/082804  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/084441  
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; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089905  
; PRIOR FILING DATE: 1998-06-18

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;; PRIOR FILING DATE: 1998-07-07  
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;; PRIOR FILING DATE: 1998-08-04  
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;; PRIOR FILING DATE: 1998-08-10  
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;; PRIOR APPLICATION NUMBER: 60/097986  
;; PRIOR FILING DATE: 1998-08-26  
;; PRIOR APPLICATION NUMBER: 60/098544  
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;; PRIOR APPLICATION NUMBER: 60/101477  
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;; PRIOR APPLICATION NUMBER: 60/101741  
;; PRIOR FILING DATE: 1998-09-24  
;; PRIOR APPLICATION NUMBER: 60/101786  
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;; PRIOR APPLICATION NUMBER: 60/101916  
;; PRIOR FILING DATE: 1998-09-24  
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;; PRIOR APPLICATION NUMBER: 60/106178  
;; PRIOR FILING DATE: 1998-10-28  
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;; PRIOR APPLICATION NUMBER: 60/106905  
;; PRIOR FILING DATE: 1998-11-03  
;; PRIOR APPLICATION NUMBER: 60/108787  
;; PRIOR FILING DATE: 1998-11-17  
;; PRIOR APPLICATION NUMBER: 60/108801  
;; PRIOR FILING DATE: 1998-11-17  
;; PRIOR APPLICATION NUMBER: 60/108849

;; PRIOR FILING DATE: 1998-11-18  
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;; PRIOR FILING DATE: 1998-12-15  
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;; PRIOR FILING DATE: 1998-12-23  
;; PRIOR APPLICATION NUMBER: 60/113621  
;; PRIOR FILING DATE: 1998-12-23  
;; PRIOR APPLICATION NUMBER: 60/115558  
;; PRIOR FILING DATE: 1999-01-12  
;; PRIOR APPLICATION NUMBER: 60/115565  
;; PRIOR FILING DATE: 1999-01-12  
;; PRIOR APPLICATION NUMBER: 60/115733  
;; PRIOR FILING DATE: 1999-01-12  
;; PRIOR APPLICATION NUMBER: 60/119549  
;; PRIOR FILING DATE: 1999-02-10  
;; PRIOR APPLICATION NUMBER: 60/123618  
;; PRIOR FILING DATE: 1999-03-10  
;; PRIOR APPLICATION NUMBER: 60/125259  
;; PRIOR FILING DATE: 1999-03-19  
;; PRIOR APPLICATION NUMBER: 60/125775  
;; PRIOR FILING DATE: 1999-03-23  
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;; PRIOR FILING DATE: 1999-03-29  
;; PRIOR APPLICATION NUMBER: 60/127887  
;; PRIOR FILING DATE: 1999-04-05  
;; PRIOR APPLICATION NUMBER: 60/130232  
;; PRIOR FILING DATE: 1999-04-21  
;; PRIOR APPLICATION NUMBER: 60/131022  
;; PRIOR FILING DATE: 1999-04-26  
;; PRIOR APPLICATION NUMBER: 60/131270  
;; PRIOR FILING DATE: 1999-04-27  
;; PRIOR APPLICATION NUMBER: 60/131291  
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;; PRIOR FILING DATE: 1999-06-23  
;; PRIOR APPLICATION NUMBER: 60/144758  
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;; PRIOR APPLICATION NUMBER: 60/166361  
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;; PRIOR FILING DATE: 1999-12-07  
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;; PRIOR FILING DATE: 1999-12-07  
;; PRIOR APPLICATION NUMBER: 60/169835

Query Match 100.0%; Score 89; DB 4; Length 208;  
Best Local Similarity 100.0%; Pred. No. 0.00018;  
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;



QY 1 HLPGNKSPHRDPAPR 15  
Db 144 HLPGNKSPHRDPAPR 158

## RESULT 23

US-10-219-075-78

; Sequence 78, Application US/10219075

; Publication No. US2003008064A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Desnoyers, Luc

; APPLICANT: Gerritsen, Mary

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Smith, Victoria

; APPLICANT: Stephan, Jean-Philippe F.

; APPLICANT: Watanabe, Colin L.

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P3530P1C61

; CURRENT APPLICATION NUMBER: US/10/219,075

; CURRENT FILING DATE: 2002-08-14

; PRIOR APPLICATION NUMBER: 10/119,480

; PRIOR FILING DATE: 2002-04-09

; PRIOR APPLICATION NUMBER: 60/059113

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/062287

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/063549

; PRIOR FILING DATE: 1997-10-28

; PRIOR APPLICATION NUMBER: 60/064103

; PRIOR FILING DATE: 1997-10-31

; PRIOR APPLICATION NUMBER: 60/069873

; PRIOR FILING DATE: 1997-12-17

; PRIOR APPLICATION NUMBER: 60/078910

; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/079294

; PRIOR FILING DATE: 1998-03-25

; PRIOR APPLICATION NUMBER: 60/079656

; PRIOR FILING DATE: 1998-03-26

; PRIOR APPLICATION NUMBER: 60/079728

; PRIOR FILING DATE: 1998-03-27

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 246

; SEQ ID NO 78

; LENGTH: 208

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-219-075-78

Query Match 100.0%; Score 89; DB 4; Length 208;

Best Local Similarity 100.0%; Pred. No. 0.00018;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDPAPR 15  
Db 144 HLPGNKSPHRDPAPR 158

## RESULT 24

US-10-219-464-78

; Sequence 78, Application US/10219464

; Publication No. US2003008065A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Desnoyers, Luc

; APPLICANT: Gerritsen, Mary

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530P1C57  
; CURRENT APPLICATION NUMBER: US/10/219,464  
; CURRENT FILING DATE: 2002-08-14  
; PRIOR APPLICATION NUMBER: 10/119,480  
; PRIOR FILING DATE: 2002-04-09  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063549  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/069873  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 246  
; SEQ ID NO 78  
; LENGTH: 208  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-219-464-78

Query Match 100.0%; Score 89; DB 4; Length 208;

Best Local Similarity 100.0%; Pred. No. 0.00018;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDPAPR 15  
Db 144 HLPGNKSPHRDPAPR 158

## RESULT 25

US-10-219-466-78

; Sequence 78, Application US/10219466

; Publication No. US2003008066A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Desnoyers, Luc

; APPLICANT: Gerritsen, Mary

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Smith, Victoria

; APPLICANT: Stephan, Jean-Philippe F.

; APPLICANT: Watanabe, Colin L.

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P3530P1C47

; CURRENT APPLICATION NUMBER: US/10/219,466

; CURRENT FILING DATE: 2002-08-13

; PRIOR APPLICATION NUMBER: 10/119,480

; PRIOR FILING DATE: 2002-04-09

; PRIOR APPLICATION NUMBER: 60/059113

; PRIOR FILING DATE: 1997-09-17

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; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 78
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-466-78
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Query Match      100.0%; Score 89; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 0.00018;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      1 HLPGNKSPHRDPAPR 15
Db      144 HLPGNKSPHRDPAPR 158
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Search completed: January 13, 2006, 17:33:03
Job time : 53.7097 secs
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GenCore version 5.1.6  
Copyright (c) 1993 - 2006 CompuGen Ltd.

OM protein - protein search, using sw model

Run On: January 13, 2006, 17:22:19 , Search time 5.32258 Seconds  
(without alignments)  
26.644 Million cell updates/sec

Title: US-10-060-765-8

Perfect score: 89

Sequence: 1 HLPGNKSPHRDPAPR 15

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 67062 seqs, 9454214 residues

Total number of hits satisfying chosen parameters: 67062

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications\_AA\_New.\*  
1: /cgn2\_6/ptodata/2/pubppaa/US08\_NEW\_PUB.pap.\*  
2: /cgn2\_6/ptodata/2/pubppaa/US06\_NEW\_PUB.pap.\*  
3: /cgn2\_6/ptodata/2/pubppaa/US07\_NEW\_PUB.pap.\*  
4: /cgn2\_6/ptodata/2/pubppaa/PCT\_NEW\_PUB.pap.\*  
5: /cgn2\_6/ptodata/2/pubppaa/US09\_NEW\_PUB.pap.\*  
6: /cgn2\_6/ptodata/2/pubppaa/US10\_NEW\_PUB.pap.\*  
7: /cgn2\_6/ptodata/2/pubppaa/US11\_NEW\_PUB.pap.\*  
8: /cgn2\_6/ptodata/2/pubppaa/US60\_NEW\_PUB.pap.\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	46	51.7	523	6	US-10-880-881-18
2	43	48.3	198	7	US-11-126-427-12
3	43	48.3	207	7	US-11-126-427-6
4	43	48.3	207	7	US-11-126-427-8
5	43	48.3	214	7	US-11-126-427-10
6	40	44.9	383	7	US-11-052-554A-299
7	40	44.9	490	7	US-11-063-343-31
8	40	44.9	1184	6	US-10-131-826A-394
9	40	44.9	1410	6	US-10-878-556A-136
10	40	44.9	1586	6	US-10-821-234-901
11	39	43.8	243	6	US-10-131-826A-362
12	39	43.8	871	7	US-11-109-157A-10
13	39	43.8	1103	7	US-11-109-157A-9
14	38.5	43.3	252	7	US-11-102-240-92
15	38	42.7	248	7	US-11-150-883-21
16	38	42.7	318	6	US-10-873-528-192
17	38	42.7	318	7	US-11-052-554A-233
18	38	42.7	591	6	US-10-770-726-71
19	38	42.7	895	7	US-11-150-406-2
20	38	42.7	920	6	US-10-821-234-1129
21	38	42.7	1375	6	US-10-995-561-809
22	38	42.7	1560	7	US-11-059-982-1
23	38	42.7	1735	7	US-11-040-472-13
24	38	42.7	1874	6	US-10-821-234-1182
25	37.5	42.1	599	7	US-11-109-157A-3

Sequence 1, Appli  
Sequence 1547, Ap  
Sequence 130, App  
Sequence 39, Appl  
Sequence 98, Appl  
Sequence 316, App  
Sequence 82, Appl  
Sequence 1051, Ap  
Sequence 21, Appl  
Sequence 77, Appl  
Sequence 70, Appl  
Sequence 688, Ap  
Sequence 213, App  
Sequence 2122, Ap  
Sequence 308, App  
Sequence 309, App  
Sequence 310, App  
Sequence 769, App  
Sequence 2, Appli  
Sequence 20, Appli

ALIGNMENTS

RESULT 1  
US-10-880-881-18  
; Sequence 18, Application US/10880881  
; Publication No. US20060003434A1  
; GENERAL INFORMATION:  
; APPLICANT: The Scripps Research Institute  
; APPLICANT: Boddy, Michael N.  
; APPLICANT: Blais, Veronique  
; APPLICANT: Chen, Xiao-Bo  
; APPLICANT: McGowan, Clare H.  
; APPLICANT: Gaillard, Pierre-Henri L.  
; APPLICANT: Russell, Paul  
; TITLE OF INVENTION: MAMMALIAN ENDONUCLEASES AND METHODS OF  
; TITLE OF INVENTION: USE  
; FILE REFERENCE: TSRI-889.0  
; CURRENT APPLICATION NUMBER: US/10/880,881  
; CURRENT FILING DATE: 2004-06-30  
; NUMBER OF SEQ ID NOS: 67  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 18  
; LENGTH: 523  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-880-881-18

Query Match 51.7%; Score 46; DB 6; Length 523;  
Best Local Similarity 66.7%; Pred. No. 4.2;  
Matches 8; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 3 PGNKSPHRDPAP 14  
DB 114 PGLRVEHRAAP 125

RESULT 2  
US-11-126-427-12  
; Sequence 12, Application US/11126427  
; Publication No. US20050287564A1  
; GENERAL INFORMATION:  
; APPLICANT: Burgess, Catherine E.  
; APPLICANT: Gerlach, Valerie L.  
; APPLICANT: Gorman, Linda  
; APPLICANT: Majumder, Kumud  
; APPLICANT: Pena, Carol E.A.  
; APPLICANT: Pravaga, Sudhirdas  
; APPLICANT: Shinkets, Richard A.  
; APPLICANT: Smithson, Glenda  
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD

```
/ FILE REFERENCE: Cura 716 B CIP
/ CURRENT APPLICATION NUMBER: US/11/126,427
/ PRIOR FILING DATE: 2005-05-10
/ PRIOR APPLICATION NUMBER: 10/211,689
/ PRIOR FILING DATE: 2002-08-01
/ PRIOR APPLICATION NUMBER: 60/311751
/ PRIOR FILING DATE: 2001-08-10
/ PRIOR APPLICATION NUMBER: 60/310802
/ PRIOR FILING DATE: 2001-08-08
/ PRIOR APPLICATION NUMBER: 60/310795
/ PRIOR FILING DATE: 2001-08-08
/ PRIOR APPLICATION NUMBER: 60/311292
/ PRIOR FILING DATE: 2001-08-09
/ PRIOR APPLICATION NUMBER: 60/361159
/ PRIOR FILING DATE: 2002-02-28
/ PRIOR APPLICATION NUMBER: 60/373050
/ PRIOR FILING DATE: 2002-04-16
/ PRIOR APPLICATION NUMBER: 60/380970
/ PRIOR FILING DATE: 2002-05-15
/ PRIOR APPLICATION NUMBER: 60/311979
/ PRIOR FILING DATE: 2001-08-13
/ PRIOR APPLICATION NUMBER: 60/381030
/ PRIOR FILING DATE: 2002-05-16
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 57
/ SOFTWARE: CuraseqList version 0.1
/ SEQ ID NO 12
/ LENGTH: 198
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-11-126-427-12
```

```
Query Match 48.3%; Score 43; DB 7; Length 198;
Best Local Similarity 57.1%; Pred. No. 4.5;
Matches 8; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
```

Qy 2 LFGNKSPPHDPAPR 15

Db 22 LFGLPGRGDPGR 35

```
RESULT 3
US-11-126-427-6
/ Sequence 6, Application US/11/126,427
/ Publication No. US20050287564A1
/ GENERAL INFORMATION:
/ APPLICANT: Burgess, Catherine E.
/ APPLICANT: Gerlach, Valerie L.
/ APPLICANT: Gorman, Linda
/ APPLICANT: Majumder, Kumud
/ APPLICANT: Pena, Carol E.A.
/ APPLICANT: Prayaga, Sudhirdas
/ APPLICANT: Shinkets, Richard A.
/ APPLICANT: Smithson, Glenda
/ TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
/ FILE REFERENCE: Cura 716 B CIP
/ CURRENT APPLICATION NUMBER: US/11/126,427
/ CURRENT FILING DATE: 2005-05-10
/ PRIOR APPLICATION NUMBER: 10/211,689
/ PRIOR FILING DATE: 2002-08-01
/ PRIOR APPLICATION NUMBER: 60/311751
/ PRIOR FILING DATE: 2001-08-10
/ PRIOR APPLICATION NUMBER: 60/310802
/ PRIOR FILING DATE: 2001-08-08
/ PRIOR APPLICATION NUMBER: 60/310795
/ PRIOR FILING DATE: 2001-08-08
/ PRIOR APPLICATION NUMBER: 60/311292
/ PRIOR FILING DATE: 2001-08-09
/ PRIOR APPLICATION NUMBER: 60/361159
/ PRIOR FILING DATE: 2002-02-28
/ PRIOR APPLICATION NUMBER: 60/373050
/ PRIOR FILING DATE: 2002-04-16
/ PRIOR APPLICATION NUMBER: 60/380970
```

```
/ PRIOR FILING DATE: 2002-05-15
/ PRIOR APPLICATION NUMBER: 60/311979
/ PRIOR FILING DATE: 2001-08-13
/ PRIOR APPLICATION NUMBER: 60/381030
/ PRIOR FILING DATE: 2002-05-16
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 57
/ SOFTWARE: CuraseqList version 0.1
/ SEQ ID NO 6
/ LENGTH: 207
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-11-126-427-6
```

```
Query Match 48.3%; Score 43; DB 7; Length 207;
Best Local Similarity 57.1%; Pred. No. 4.7;
Matches 8; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
```

Qy 2 LFGNKSPPHDPAPR 15

Db 34 LFGLPGRGDPGR 47

## RESULT 4

```
US-11-126-427-8
/ Sequence 8, Application US/11/126,427
/ Publication No. US20050287564A1
/ GENERAL INFORMATION:
/ APPLICANT: Burgess, Catherine E.
/ APPLICANT: Gerlach, Valerie L.
/ APPLICANT: Gorman, Linda
/ APPLICANT: Majumder, Kumud
/ APPLICANT: Pena, Carol E.A.
/ APPLICANT: Prayaga, Sudhirdas
/ APPLICANT: Shinkets, Richard A.
/ APPLICANT: Smithson, Glenda
/ TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
/ FILE REFERENCE: Cura 716 B CIP
/ CURRENT APPLICATION NUMBER: US/11/126,427
/ CURRENT FILING DATE: 2005-05-10
/ PRIOR APPLICATION NUMBER: 10/211,689
/ PRIOR FILING DATE: 2002-08-01
/ PRIOR APPLICATION NUMBER: 60/311751
/ PRIOR FILING DATE: 2001-08-10
/ PRIOR APPLICATION NUMBER: 60/310802
/ PRIOR FILING DATE: 2001-08-08
/ PRIOR APPLICATION NUMBER: 60/310795
/ PRIOR FILING DATE: 2001-08-08
/ PRIOR APPLICATION NUMBER: 60/311292
/ PRIOR FILING DATE: 2001-08-09
/ PRIOR APPLICATION NUMBER: 60/361159
/ PRIOR FILING DATE: 2002-02-28
/ PRIOR APPLICATION NUMBER: 60/373050
/ PRIOR FILING DATE: 2002-04-16
/ PRIOR APPLICATION NUMBER: 60/380970
/ PRIOR FILING DATE: 2002-05-15
/ PRIOR APPLICATION NUMBER: 60/311979
/ PRIOR FILING DATE: 2001-08-13
/ PRIOR APPLICATION NUMBER: 60/381030
/ PRIOR FILING DATE: 2002-05-16
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 57
/ SOFTWARE: CuraseqList version 0.1
/ SEQ ID NO 8
/ LENGTH: 207
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-11-126-427-8
```

```
Query Match 48.3%; Score 43; DB 7; Length 207;
Best Local Similarity 57.1%; Pred. No. 4.7;
Matches 8; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
```

QY 2 LPGNKSPHRDPAPR 15  
| | | | |  
Db 34 LPGLPGRGDPGR 47

## RESULT 5

US-11-126-427-10  
; Sequence 10, Application US/11126427  
; Publication No. US20050287564A1  
; GENERAL INFORMATION:  
; APPLICANT: Burgess, Catherine E.  
; APPLICANT: Gerlach, Valerie L.  
; APPLICANT: Gorman, Linda  
; APPLICANT: Majumder, Kumud  
; APPLICANT: Pena, Carol E.A.  
; APPLICANT: Prayaga, Sudhirdas  
; APPLICANT: Shimkets, Richard A.  
; APPLICANT: Smithson, Glenda  
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD  
; FILE REFERENCE: Cura 716 B CIP  
; CURRENT APPLICATION NUMBER: US/11/126,427  
; CURRENT FILING DATE: 2005-05-10  
; PRIOR APPLICATION NUMBER: 10/211,689  
; PRIOR FILING DATE: 2002-08-01  
; PRIOR APPLICATION NUMBER: 60/311751  
; PRIOR FILING DATE: 2001-08-10  
; PRIOR APPLICATION NUMBER: 60/310802  
; PRIOR FILING DATE: 2001-08-08  
; PRIOR APPLICATION NUMBER: 60/310795  
; PRIOR FILING DATE: 2001-08-08  
; PRIOR APPLICATION NUMBER: 60/311292  
; PRIOR FILING DATE: 2001-08-09  
; PRIOR APPLICATION NUMBER: 60/361159  
; PRIOR FILING DATE: 2002-02-28  
; PRIOR APPLICATION NUMBER: 60/373050  
; PRIOR FILING DATE: 2002-04-16  
; PRIOR APPLICATION NUMBER: 60/380970  
; PRIOR FILING DATE: 2002-05-15  
; PRIOR APPLICATION NUMBER: 60/311979  
; PRIOR FILING DATE: 2001-08-13  
; PRIOR APPLICATION NUMBER: 60/381030  
; PRIOR FILING DATE: 2002-05-16  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 57  
; SOFTWARE: Curaseqlist version 0.1  
; SEQ ID NO 10  
; LENGTH: 214  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-11-126-427-10

Query Match 48.3%; Score 43; DB 7; Length 214;  
Best Local Similarity 57.1%; Pred. No. 4.9;  
Matches 8; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2 LPGNKSPHRDPAPR 15  
| | | | |  
Db 38 LPGLPGRGDPGR 51

## RESULT 6

US-11-052-554A-299  
; Sequence 299, Application US/11052554A  
; Publication No. US2005028866A1  
; GENERAL INFORMATION:  
; APPLICANT: Sachdeva, et al.  
; TITLE OF INVENTION: COMPUTATIONAL METHOD FOR IDENTIFYING ADHESIN AND ADHESIN-LIKE  
; FILE REFERENCE: 30853/40359A  
; CURRENT APPLICATION NUMBER: US/11/052,554A  
; CURRENT FILING DATE: 2005-02-07  
; PRIOR APPLICATION NUMBER: US 60/589,227  
; PRIOR FILING DATE: 2004-07-20

; PRIOR APPLICATION NUMBER: IN 173/DEL/2004  
; PRIOR FILING DATE: 2004-02-06  
; NUMBER OF SEQ ID NOS: 763  
; SOFTWARE: PatentIn version 3.3  
; SEQ ID NO 299  
; LENGTH: 383  
; TYPE: PRT  
; ORGANISM: Helicobacter pylori J99  
US-11-052-554A-299

Query Match 44.9%; Score 40; DB 7; Length 383;  
Best Local Similarity 66.7%; Pred. No. 25;  
Matches 6; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1 HLPGNKSPH 9  
| | | | |  
Db 249 HLPNSKQPH 257

## RESULT 7

US-11-063-343-31  
; Sequence 31, Application US/11063343  
; Publication No. US20050272061A1  
; GENERAL INFORMATION:  
; APPLICANT: Petrosiello, Joseph M.  
; APPLICANT: Carter, Paul  
; TITLE OF INVENTION: Expression Profiling in Non-Small Cell  
; FILE REFERENCE: 2681-1-003N  
; CURRENT APPLICATION NUMBER: US/11/063,343  
; CURRENT FILING DATE: 2005-02-22  
; PRIOR APPLICATION NUMBER: 60/546,019  
; PRIOR FILING DATE: 2004-02-19  
; NUMBER OF SEQ ID NOS: 50  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 31  
; LENGTH: 490  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-11-063-343-31

Query Match 44.9%; Score 40; DB 7; Length 490;  
Best Local Similarity 50.0%; Pred. No. 33;  
Matches 7; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDPAP 14  
| | | | |  
Db 386 HATGKSPAKSPNP 399

## RESULT 8

US-10-131-826A-394  
; Sequence 394, Application US/10131826A  
; Publication No. US20050245730A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

```

; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C128
; CURRENT APPLICATION NUMBER: US/10/131,826A
; CURRENT FILING DATE: 2002-04-24
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 394
; LENGTH: 1184
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-131-826A-394
```

```

Query Match 44.9%; Score 40; DB 6; Length 1184;
Best Local Similarity 46.7%; Pred. No. 80;
Matches 7; Conservative 2; Mismatches 6; Indels 0; Gaps 0;
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```
QY 1 HLPGNKSPHRDPAP 15
DB 915 HLNKRVSPKESGPR 929
```

```

RESULT 9
US-10-878-556A-136
; Sequence 136, Application US/10878556A
; Publication No. US20050266399A1
; GENERAL INFORMATION:
; APPLICANT: Hoffmann La-Roche Inc.
; TITLE OF INVENTION: HCV regulated protein expression
; FILE REFERENCE: 21762
; CURRENT APPLICATION NUMBER: US/10/878,556A
; CURRENT FILING DATE: 2004-06-28
; NUMBER OF SEQ ID NOS: 199
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 136
; LENGTH: 1410
; TYPE: PRT
; ORGANISM: Homo sapiens
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: sw_hum/rtbl_human
; DATABASE ENTRY DATE: 2003-02-28
US-10-878-556A-136
```

```

Query Match 44.9%; Score 40; DB 6; Length 1410;
Best Local Similarity 58.3%; Pred. No. 96;
Matches 7; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
QY 3 PGNKSPHRDPAP 14
DB 79 PNGKIPDHDPAP 90
```

```

RESULT 10
US-10-821-234-901
```

```

; Sequence 901, Application US/10821234
; Publication No. US20050255114A1
; GENERAL INFORMATION:
; APPLICANT: Labat, Ivan
; APPLICANT: Stache-Crain, Birgit
; APPLICANT: Andarmani, Susan
; APPLICANT: Tang, Y. Tom
; TITLE OF INVENTION: Methods for Diagnosis and Treatment of Presclampsia
; FILE REFERENCE: 821A
; CURRENT APPLICATION NUMBER: US/10/821,234
; CURRENT FILING DATE: 2004-04-07
; PRIOR APPLICATION NUMBER: US 60/462,047
; PRIOR FILING DATE: 2003-04-07
; NUMBER OF SEQ ID NOS: 1704
; SOFTWARE: pt_seq_genes Version 1.0
; SEQ ID NO 901
; LENGTH: 1586
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-821-234-901
```

```

Query Match 44.9%; Score 40; DB 6; Length 1586;
Best Local Similarity 58.3%; Pred. No. 1.1e+02;
Matches 7; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
QY 3 PGNKSPHRDPAP 14
DB 105 PNGKIPDHDPAP 116
```

```

RESULT 11
US-10-131-826A-362
; Sequence 362, Application US/10131826A
; Publication No. US20050245730A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C128
; CURRENT APPLICATION NUMBER: US/10/131,826A
; CURRENT FILING DATE: 2002-04-24
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
```

;; PRIOR APPLICATION NUMBER: 60/059352  
;; PRIOR FILING DATE: 1997-09-19  
;; PRIOR APPLICATION NUMBER: 60/059588  
;; PRIOR FILING DATE: 1997-09-19  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 550  
;; SEQ ID NO 362  
;; LENGTH: 243  
;; TYPE: PRT  
;; ORGANISM: Homo Sapien  
US-10-131-826A-362

Query Match 43.8%; Score 39; DB 6; Length 243;  
Best Local Similarity 53.8%; Pred. No. 23;  
Matches 7; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3 PGNKSPHRDPAPR 15  
Db 71 PGLPGRGDRQPR 83

RESULT 12  
US-11-109-157A-10  
;; Sequence 10, Application US/11109157A  
;; Publication No. US20050277175A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Wyeth  
;; TITLE OF INVENTION: TRUNCATED ADAMTS MOLECULES  
;; FILE REFERENCE: 01997.030500.  
;; CURRENT APPLICATION NUMBER: US/11/109,157A  
;; CURRENT FILING DATE: 2005-04-18  
;; PRIOR APPLICATION NUMBER: 60/562,685  
;; PRIOR FILING DATE: 2004-04-15  
;; NUMBER OF SEQ ID NOS: 44  
;; SOFTWARE: PatentIn version 3.3  
;; SEQ ID NO 10  
;; LENGTH: 871  
;; TYPE: PRT  
;; ORGANISM: homo sapiens  
US-11-109-157A-10

Query Match 43.8%; Score 39; DB 7; Length 871;  
Best Local Similarity 63.6%; Pred. No. 83;  
Matches 7; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2 LPGNKSPHRDP 12  
Db 528 LPGTPOPHRLP 538

RESULT 13  
US-11-109-157A-9  
;; Sequence 9, Application US/11109157A  
;; Publication No. US20050277175A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Wyeth  
;; TITLE OF INVENTION: TRUNCATED ADAMTS MOLECULES  
;; FILE REFERENCE: 01997.030500.  
;; CURRENT APPLICATION NUMBER: US/11/109,157A  
;; CURRENT FILING DATE: 2005-04-18  
;; PRIOR APPLICATION NUMBER: 60/562,685  
;; PRIOR FILING DATE: 2004-04-15  
;; NUMBER OF SEQ ID NOS: 44  
;; SOFTWARE: PatentIn version 3.3  
;; SEQ ID NO 9  
;; LENGTH: 1103  
;; TYPE: PRT  
;; ORGANISM: homo sapiens  
US-11-109-157A-9

Query Match 43.8%; Score 39; DB 7; Length 1103;  
Best Local Similarity 63.6%; Pred. No. 11e+02;  
Matches 7; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2 LPGNKSPHRDP 12  
Db 760 LPGTPOPHRLP 770

RESULT 14  
US-11-102-240-92  
;; Sequence 92, Application US/11102240  
;; Publication No. US20050260647A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Goddard, Audrey  
;; APPLICANT: Godowski, Paul J.  
;; APPLICANT: Grimaldi, Christopher J.  
;; APPLICANT: Gurney, Austin L.  
;; APPLICANT: Wood, William I.  
;; TITLE OF INVENTION: ANTIBODIES TO POLYPEPTIDES ENCODED BY A NUCLEIC ACID UNDEREXPRES:  
;; TITLE OF INVENTION: ESOPHAGEAL TUMOR  
;; FILE REFERENCE: P3230R1C106C  
;; CURRENT APPLICATION NUMBER: US/11/102,240  
;; CURRENT FILING DATE: 2005-04-08  
;; PRIOR APPLICATION NUMBER: 10/063662  
;; PRIOR FILING DATE: 2002-05-07  
;; PRIOR APPLICATION NUMBER: 10/006867  
;; PRIOR FILING DATE: 2001-12-06  
;; PRIOR APPLICATION NUMBER: PCT/US00/23328  
;; PRIOR FILING DATE: 2000-08-24  
;; PRIOR APPLICATION NUMBER: 60/170262  
;; PRIOR FILING DATE: 199-12-09  
;; NUMBER OF SEQ ID NOS: 170  
;; SEQ ID NO 92  
;; LENGTH: 252  
;; TYPE: PRT  
;; ORGANISM: Homo Sapien  
US-11-102-240-92

Query Match 43.3%; Score 38.5; DB 7; Length 252;  
Best Local Similarity 44.4%; Pred. No. 28;  
Matches 8; Conservative 2; Mismatches 3; Indels 5; Gaps 1;

QY 3 PGNKSPHRD-----PAPR 15  
Db 28 PGSEDPDRDDHEGQPRPR 45

RESULT 15  
US-11-150-883-21  
;; Sequence 21, Application US/11150883  
;; Publication No. US20060002937A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Schwaebler, H.W.  
;; APPLICANT: Stover, C.M.  
;; APPLICANT: Tedford, C. E.  
;; APPLICANT: Parent, J.B.  
;; APPLICANT: Fujita, T.  
;; TITLE OF INVENTION: METHODS FOR TREATING CONDITIONS ASSOCIATED WITH MASP-2 DEPENDENT  
;; TITLE OF INVENTION: COMPLEMENT ACTIVATION  
;; FILE REFERENCE: OMER-1-25400  
;; CURRENT APPLICATION NUMBER: US/11/150,883  
;; CURRENT FILING DATE: 2005-06-09  
;; PRIOR APPLICATION NUMBER: US 60/578,847  
;; PRIOR FILING DATE: 2004-06-10  
;; NUMBER OF SEQ ID NOS: 65  
;; SOFTWARE: PatentIn version 3.2  
;; SEQ ID NO 21  
;; LENGTH: 248  
;; TYPE: PRT  
;; ORGANISM: Homo sapien  
US-11-150-883-21

Query Match 42.7%; Score 38; DB 7; Length 248;  
Best Local Similarity 46.2%; Pred. No. 33;  
Matches 6; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 3 PGKNSPHRDPAPR 15  
||| |  
Db 79 PGNPGSGSGPK 91

## RESULT 16

US-10-873-528-192  
; Sequence 192, Application US/10873528  
; Publication No. US20050276814A1  
; GENERAL INFORMATION:  
; APPLICANT: Microbial Technics Limited  
; APPLICANT: Gilbert, Christophe FG  
; APPLICANT: Hansbro, Philip M  
; TITLE OF INVENTION: Proteins  
; FILE REFERENCE: PWC/P21129WO  
; CURRENT APPLICATION NUMBER: US/10/873,528  
; CURRENT FILING DATE: 2004-06-23  
; PRIOR APPLICATION NUMBER: US/09/769,787  
; PRIOR FILING DATE: 2001-01-26  
; PRIOR APPLICATION NUMBER: GB 9816337.1  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: US 60/125164  
; PRIOR FILING DATE: 1999-03-19  
; NUMBER OF SEQ ID NOS: 388  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 192  
; LENGTH: 318  
; TYPE: PRT  
; ORGANISM: Streptococcus pneumoniae  
US-10-873-528-192

Query Match 42.7%; Score 38; DB 6; Length 318;  
Best Local Similarity 58.3%; Pred. No. 42;  
Matches 7; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3 PGKNSPHRDPAP 14  
||| |  
Db 141 PNNHSDHVDYP 152

## RESULT 17

US-11-052-554A-233  
; Sequence 233, Application US/11052554A  
; Publication No. US20050288866A1  
; GENERAL INFORMATION:  
; APPLICANT: Sachdeva, et al.  
; TITLE OF INVENTION: COMPUTATIONAL METHOD FOR IDENTIFYING ADHESIN AND ADHESIN-LIKE  
; FILE REFERENCE: 30853/40359A  
; CURRENT APPLICATION NUMBER: US/11/052,554A  
; CURRENT FILING DATE: 2005-02-07  
; PRIOR APPLICATION NUMBER: US 60/589,227  
; PRIOR FILING DATE: 2004-07-20  
; PRIOR APPLICATION NUMBER: IN 173/DEL/2004  
; PRIOR FILING DATE: 2004-02-06  
; NUMBER OF SEQ ID NOS: 763  
; SOFTWARE: PatentIn version 3.3  
; SEQ ID NO 233  
; LENGTH: 318  
; TYPE: PRT  
; ORGANISM: Streptococcus pneumoniae R6  
US-11-052-554A-233

Query Match 42.7%; Score 38; DB 7; Length 318;  
Best Local Similarity 58.3%; Pred. No. 42;  
Matches 7; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3 PGKNSPHRDPAP 14  
||| |  
Db 141 PNNHSDHVDYP 152

## RESULT 18

US-10-770-726-71  
; Sequence 71, Application US/10770726  
; Publication No. US20050266409A1  
; GENERAL INFORMATION:  
; APPLICANT: Wyeth  
; APPLICANT: Brown, Eugene  
; APPLICANT: Liu, Wei  
; TITLE OF INVENTION: CANCERS  
; FILE REFERENCE: AM101079 (031896-010000)  
; CURRENT APPLICATION NUMBER: US/10/770,726  
; CURRENT FILING DATE: 2004-02-04  
; NUMBER OF SEQ ID NOS: 48640  
; SOFTWARE: PatentIn version 3.2  
; SEQ ID NO 71  
; LENGTH: 591  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-770-726-71

Query Match 42.7%; Score 38; DB 6; Length 591;  
Best Local Similarity 60.0%; Pred. No. 79;  
Matches 6; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 3 PGKNSPHRDP 12  
||| |  
Db 287 PGPSPQREP 296

## RESULT 19

US-11-150-406-2  
; Sequence 2, Application US/11150406  
; Publication No. US20050250164A1  
; GENERAL INFORMATION:  
; APPLICANT: Muschler, John L  
; APPLICANT: Bissell, Mina J  
; TITLE OF INVENTION: Design of Novel Assays Based on the Newly Found Role of  
; TITLE OF INVENTION: Dystroglycan and Alpha-Dystroglycan Proteolysis in Tumor Cell  
; FILE REFERENCE: IB-1398A  
; CURRENT APPLICATION NUMBER: US/11/150,406  
; CURRENT FILING DATE: 2005-06-09  
; PRIOR APPLICATION NUMBER: 60/151,766  
; PRIOR FILING DATE: 1999-08-31  
; PRIOR APPLICATION NUMBER: 09/652,493  
; PRIOR FILING DATE: 2000-08-31  
; NUMBER OF SEQ ID NOS: 2  
; SOFTWARE: PatentIn version 3.3  
; SEQ ID NO 2  
; LENGTH: 895  
; TYPE: PRT  
; ORGANISM: homo sapiens  
US-11-150-406-2

Query Match 42.7%; Score 38; DB 7; Length 895;  
Best Local Similarity 50.0%; Pred. No. 1.2e+02;  
Matches 6; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 3 PGKNSPHRDPAP 14  
||| |  
Db 880 PKNMTFYRSPPP 891

## RESULT 20

US-10-821-234-1129  
; Sequence 1129, Application US/10821234  
; Publication No. US20050255114A1  
; GENERAL INFORMATION:  
; APPLICANT: Labat, Ivan  
; APPLICANT: Stache-Crain, Birgit  
; APPLICANT: Andarmani, Susan  
; APPLICANT: Tang, Y. Tom



```
; TITLE OF INVENTION: Methods for Diagnosis and Treatment of Preeclampsia
; FILE REFERENCE: 821A
; CURRENT APPLICATION NUMBER: US/10/821.234
; CURRENT FILING DATE: 2004-04-07
; PRIOR APPLICATION NUMBER: US 60/462,047
; PRIOR FILING DATE: 2003-04-07
; NUMBER OF SEQ ID NOS: 1704
; SOFTWARE: pt_SEQ_genes Version 1.0
; SEQ ID NO 1129
; LENGTH: 920
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-821-234-1129

Query Match      42.7%; Score 38; DB 6; Length 920;
Best Local Similarity 50.0%; Pred. No. 1.2e+02;
Matches 6; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY      3 PGNKSPHRDPAP 14
Db      905 PGNTPYRSPPP 916

RESULT 21
US-10-995-561-809
; Sequence 809, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; TITLE OF INVENTION: DETECTION AND USES THEREOF
; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 809
; LENGTH: 1375
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-995-561-809

Query Match      42.7%; Score 38; DB 6; Length 1375;
Best Local Similarity 50.0%; Pred. No. 1.9e+02;
Matches 6; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY      3 PGNKSPHRDPAP 14
Db      998 PGSTPPHCGPSP 1009

RESULT 22
US-11-059-982-1
; Sequence 1, Application US/11059982
; Publication No. US20050255507A1
; GENERAL INFORMATION:
; APPLICANT: Jenkins, Robert B.
; APPLICANT: Yang, Ping
; APPLICANT: Thibodeau, Steve
; APPLICANT: Wang, Liang
; APPLICANT: Schaid, Daniel
; TITLE OF INVENTION: CYTOGENETICALLY DETERMINED DIAGNOSIS AND
; TITLE OF INVENTION: PROGNOSIS OF PROLIFERATIVE DISORDERS
; FILE REFERENCE: 07039-505001
; CURRENT APPLICATION NUMBER: US/11/059,982
; CURRENT FILING DATE: 2005-02-17
; PRIOR APPLICATION NUMBER: US 60/545,573
; PRIOR FILING DATE: 2004-02-17
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 1560
```

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; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-059-982-1

Query Match      42.7%; Score 38; DB 7; Length 1560;
Best Local Similarity 41.7%; Pred. No. 2.1e+02;
Matches 5; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY      3 PGNKSPHRDPAP 14
Db      911 PPSQGHKSPPT 922

RESULT 23
US-11-040-472-13
; Sequence 13, Application US/11040472
; Publication No. US20050283857A1
; GENERAL INFORMATION:
; APPLICANT: Adang, Michael
; APPLICANT: Hua, Gang
; APPLICANT: Chen, Jiang
; APPLICANT: Abdullah, Mohd
; TITLE OF INVENTION: Peptides for Inhibiting Insects
; FILE REFERENCE: UGR-105CP
; CURRENT APPLICATION NUMBER: US/11/040,472
; CURRENT FILING DATE: 2005-01-21
; PRIOR APPLICATION NUMBER: US 60/538,715
; PRIOR FILING DATE: 2004-01-22
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13
; LENGTH: 1735
; TYPE: PRT
; ORGANISM: Anopheles gambiae
US-11-040-472-13

Query Match      42.7%; Score 38; DB 7; Length 1735;
Best Local Similarity 60.0%; Pred. No. 2.4e+02;
Matches 6; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY      5 NKSPHRDPAP 14
Db      861 NKQPYHDPFP 870

RESULT 24
US-10-821-234-1182
; Sequence 1182, Application US/10821234
; Publication No. US20050255114A1
; GENERAL INFORMATION:
; APPLICANT: Labat, Ivan
; APPLICANT: Stache-Crain, Birgit
; APPLICANT: Andarmani, Susan
; APPLICANT: Tang, Y. Tom
; TITLE OF INVENTION: Methods for Diagnosis and Treatment of Preeclampsia
; FILE REFERENCE: 821A
; CURRENT APPLICATION NUMBER: US/10/821,234
; CURRENT FILING DATE: 2004-04-07
; PRIOR APPLICATION NUMBER: US 60/462,047
; PRIOR FILING DATE: 2003-04-07
; NUMBER OF SEQ ID NOS: 1704
; SOFTWARE: pt_SEQ_genes Version 1.0
; SEQ ID NO 1182
; LENGTH: 1874
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-821-234-1182

Query Match      42.7%; Score 38; DB 6; Length 1874;
Best Local Similarity 53.8%; Pred. No. 2.6e+02;
Matches 7; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY      2 LPGNKSPHRDPAP 14
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Db 674 LPGEKGRGDGP 686

RESULT 25  
US-11-109-157A-3  
; Sequence 3, Application US/11109157A  
; Publication No. US20050277175A1  
; GENERAL INFORMATION:  
; APPLICANT: Wyeth  
; TITLE OF INVENTION: TRUNCATED ADAMTS MOLECULES  
; FILE REFERENCE: 01997.030500.  
; CURRENT APPLICATION NUMBER: US/11/109,157A  
; CURRENT FILING DATE: 2005-04-18  
; PRIOR APPLICATION NUMBER: 60/562,685  
; PRIOR FILING DATE: 2004-04-15  
; NUMBER OF SEQ ID NOS: 44  
; SOFTWARE: PatentIn version 3.3  
; SEQ ID NO 3  
; LENGTH: 599  
; TYPE: PRT  
; ORGANISM: HOMO SAPIENS  
US-11-109-157A-3

Query Match 42.1%; Score 37.5; DB 7; Length 599;  
Best Local Similarity 61.5%; Pred. No. 96;  
Matches 8; Conservative 1; Mismatches 3; Indels 1; Gaps 1;  
QY 2 LPGNKSPHRDPAP 14  
Db 1 MFGGPSP-RSPAP 12

Search completed: January 13, 2006, 17:33:25  
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